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Metropolitan Housing Characteristics

GRAND FORKS, N.DAK.-MINN.

STANDARD METROPOLITAN STATISTICAL AREA

1980 Census of Housing

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1980

Census of Housing

VOLUME 2

Metropolitan Housing Characteristics

**GRAND FORKS,
N.DAK.-MINN.**

HC80-2-171

Issued October 1983



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Under Secretary for
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BUREAU OF THE CENSUS
C. L. Kincannon, Acting Director

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BUREAU OF THE CENSUS
C. L. Kincannon, Acting Director

HOUSING DIVISION
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1	U.S. Summary	41	Rhode Island	77	Atlanta, Ga.	114	Charleston-North
2	Alabama	42	South Carolina	78	Atlantic City, N.J.		Charleston, S.C.
3	Alaska	43	South Dakota	79	Augusta, Ga.-S.C.	115	Charleston, W. Va.
4	Arizona	44	Tennessee	80	Austin, Tex.		
5	Arkansas	45	Texas			116	Charlotte-Gastonia, N.C.
				81	Bakersfield, Calif.	117	Charlottesville, Va.
6	California	46	Utah	82	Baltimore, Md.	118	Chattanooga, Tenn.-Ga.
7	Colorado	47	Vermont	83	Bangor, Maine	119	Chicago, Ill.
8	Connecticut	48	Virginia	84	Baton Rouge, La.		
9	Delaware	49	Washington	85	Battle Creek, Mich.	120	Chico, Calif.
10	Not assigned	50	West Virginia			121	Cincinnati, Ohio-Ky.-Ind.
				86	Bay City, Mich.	122	Clarksville-Hopkinsville, Tenn.-Ky.
11	Florida	51	Wisconsin	87	Beaumont-Port Arthur-Orange, Tex.	123	Cleveland, Ohio
12	Georgia	52	Wyoming	88	Bellingham, Wash.	124	Colorado Springs, Colo.
13	Hawaii	53	Puerto Rico	89	Benton Harbor, Mich.	125	Columbia, Mo.
14	Idaho	54	Not assigned	90	Billings, Mont.		
15	Illinois	55	Not assigned			126	Columbia, S.C.
				91	Biloxi-Gulfport, Miss.	127	Columbus, Ga.-Ala.
16	Indiana	56	Not assigned	92	Binghamton, N.Y.-Pa.	128	Columbus, Ohio
17	Iowa	57	Not assigned	93	Birmingham, Ala.	129	Corpus Christi, Tex.
18	Kansas	58	Abilene, Tex.	94	Bismarck, N. Dak.	130	Cumberland, Md.-W. Va.
19	Kentucky	59	Akron, Ohio	95	Bloomington, Ind.		
20	Louisiana	60	Albany, Ga.			131	Dallas-Fort Worth, Tex.
				96	Bloomington-Normal, Ill.	132	Danbury, Conn.
21	Maine	61	Albany-Schenectady-Troy, N.Y.	97	Boise City, Idaho	133	Danville, Va.
22	Maryland	62	Albuquerque, N. Mex.	98	Boston, Mass.	134	Davenport-Rock Island-Moline, Iowa-Ill.
23	Massachusetts	63	Alexandria, La.	99	Bradenton, Fla.	135	Dayton, Ohio
24	Michigan	64	Allentown-Bethlehem-Easton, Pa.-N.J.	100	Bremerton, Wash.		
25	Minnesota	65	Altoona, Pa.			136	Daytona Beach, Fla.
				101	Bridgeport, Conn.	137	Decatur, Ill.
26	Mississippi			102	Bristol, Conn.	138	Denver-Boulder, Colo.
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29	Nebraska			105	Bryan-College Station, Tex.		
30	Nevada	68	Anchorage, Alaska			141	Dubuque, Iowa
		69	Anderson, Ind.	106	Buffalo, N.Y.	142	Duluth-Superior, Minn.
31	New Hampshire	70	Anderson, S.C.	107	Burlington, N.C.		Wis.
32	New Jersey			108	Burlington, Vt.	143	Eau Claire, Wis.
33	New Mexico	71	Ann Arbor, Mich.	109	Caguas, P.R.	144	El Paso, Tex.
34	New York	72	Anniston, Ala.	110	Canton, Ohio	145	Elkhart, Ind.
35	North Carolina	73	Appleton-Oshkosh, Wis.				
		74	Arecibo, P.R.	111	Casper, Wyo.	146	Elmira, N.Y.
36	North Dakota	75	Asheville, N.C.	112	Cedar Rapids, Iowa	147	Enid, Okla.
37	Ohio			113	Champaign-Urbana-Rantoul, Ill.		
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39	Oregon						
40	Pennsylvania						

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149	Eugene-Springfield, Oreg.	188	Iowa City, Iowa	228	Lowell, Mass.-N.H.		
150	Evansville, Ind.-Ky.	189	Jackson, Mich.	229	Lubbock, Tex.		
		190	Jackson, Miss.	230	Lynchburg, Va.	266	Northeast Pennsylvania
151	Fall River, Mass.-R.I.					267	Norwalk, Conn.
152	Fargo-Moorhead, N. Dak.- Minn.	191	Jacksonville, Fla.	231	Macon, Ga.	268	Ocala, Fla.
153	Fayetteville, N.C.	192	Jacksonville, N.C.	232	Madison, Wis.	269	Odessa, Tex.
154	Fayetteville-Springdale, Ark.	193	Janesville-Beloit, Wis.	233	Manchester, N.H.	270	Oklahoma City, Okla.
155	Fitchburg-Leominster, Mass.	194	Jersey City, N.J.	234	Mansfield, Ohio		
		195	Johnson City-Kingsport- Bristol, Tenn.-Va.	235	Mayagüez, P.R.	271	Olympia, Wash.
156	Flint, Mich.	196	Johnstown, Pa.	236	McAllen-Pharr-Edinburg, Tex.	272	Omaha, Nebr.-Iowa
157	Florence, Ala.	197	Joplin, Mo.	237	Medford, Oreg.	273	Orlando, Fla.
158	Florence, S.C.	198	Kalamazoo-Portage, Mich.	238	Melbourne-Titusville- Cocoa, Fla.	274	Owensboro, Ky.
159	Fort Collins, Colo.	199	Kankakee, Ill.			275	Oxnard-Simi Valley- Ventura, Calif.
160	Fort Lauderdale-Hollywood, Fla.	200	Kansas City, Mo.-Kans.	239	Memphis, Tenn.-Ark.- Miss.	276	Panama City, Fla.
		201	Kenosha, Wis.	240	Meriden, Conn.	277	Parkersburg-Marietta, W. Va.-Ohio
161	Fort Myers-Cape Coral, Fla.	202	Killeen-Temple, Tex.			278	Pascagoula-Moss Point, Miss.
162	Fort Smith, Ark.-Okla.	203	Knoxville, Tenn.	241	Miami, Fla.	279	Paterson-Clifton-Passaic, N.J.
163	Fort Walton Beach, Fla.	204	Kokomo, Ind.	242	Midland, Tex.	280	Pensacola, Fla.
164	Fort Wayne, Ind.	205	La Crosse, Wis.	243	Milwaukee, Wis.		
165	Fresno, Calif.			244	Minneapolis-St. Paul, Minn.-Wis.	281	Peoria, Ill.
		206	Lafayette, La.	245	Mobile, Ala.	282	Petersburg-Colonial Heights-Hopewell, Va.
166	Gadsden, Ala.	207	Lafayette-West Lafayette, Ind.			283	Philadelphia, Pa.-N.J.
167	Gainesville, Fla.	208	Lake Charles, La.	246	Modesto, Calif.	284	Phoenix, Ariz.
168	Galveston-Texas City, Tex.	209	Lakeland-Winter Haven, Fla.	247	Monroe, La.	285	Pine Bluff, Ark.
169	Gary-Hammond-East Chicago, Ind.	210	Lancaster, Pa.	248	Montgomery, Ala.		
170	Glens Falls, N.Y.			249	Muncie, Ind.	286	Pittsburgh, Pa.
		211	Lansing-East Lansing, Mich.	250	Muskegon-Norton Shores- Muskegon Heights, Mich.	287	Pittsfield, Mass.
171	Grand Forks, N.Dak.- Minn.	212	Laredo, Tex.			288	Ponce, P.R.
172	Grand Rapids, Mich.	213	Las Cruces, N. Mex.	251	Nashua, N.H.	289	Portland, Maine
173	Great Falls, Mont.	214	Las Vegas, Nev.	252	Nashville-Davidson, Tenn.	290	Portland, Oreg.-Wash.
174	Greeley, Colo.	215	Lawrence, Kans.	253	Nassau-Suffolk, N.Y.		
175	Green Bay, Wis.			254	New Bedford, Mass.	291	Portsmouth-Dover- Rochester, N.H.-Maine
		216	Lawrence-Haverhill, Mass.-N.H.	255	New Britain, Conn.	292	Poughkeepsie, N.Y.
176	Greensboro-Winston-Salem- High Point, N.C.	217	Lawton, Okla.			293	Providence-Warwick- Pawtucket, R.I.-Mass.
177	Greenville-Spartanburg, S.C.	218	Lewiston-Auburn, Maine	256	New Brunswick-Perth Amboy-Sayreville, N.J.	294	Provo-Orem, Utah
178	Hagerstown, Md.	219	Lexington-Fayette, Ky.	257	New Haven-West Haven, Conn.	295	Pueblo, Colo.
179	Hamilton-Middletown, Ohio	220	Lima, Ohio				
180	Harrisburg, Pa.			258	New London-Norwich, Conn.-R.I.	296	Racine, Wis.
		221	Lincoln, Nebr.	259	New Orleans, La.	297	Raleigh-Durham, N.C.
181	Hartford, Conn.	222	Little Rock-North Little Rock, Ark.	260	New York, N.Y.-N.J.	298	Reading, Pa.
182	Hickory, N.C.	223	Long Branch-Asbury Park, N.J.			299	Redding, Calif.
183	Honolulu, Hawaii	224	Longview-Marshall, Tex.	261	Newark, N.J.	300	Reno, Nev.
184	Houston, Tex.	225	Lorain-Elyria, Ohio	262	Newark, Ohio		
185	Huntington-Ashland, W. Va.-Ky.-Ohio			263	Newburgh-Middletown, N.Y.	301	Richland-Kennewick- Pasco, Wash.
		226	Los Angeles-Long Beach, Calif.	264	Newport News-Hampton, Va.	302	Richmond, Va.
186	Huntsville, Ala.					303	Riverside-San Bernardino- Ontario, Calif.

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304	Roanoke, Va.	323	San Juan, P.R.	343	State College, Pa.	362	Vineland-Millville-Bridgeton, N.J.
305	Rochester, Minn.	324	Santa Barbara-Santa Maria-Lompoc, Calif.	344	Steubenville-Weirton, Ohio-W. Va.	363	Visalia-Tulare-Porterville, Calif.
306	Rochester, N.Y.	325	Santa Cruz, Calif.	345	Stockton, Calif.	364	Waco, Tex.
307	Rockford, Ill.	326	Santa Rosa, Calif.	346	Syracuse, N.Y.	365	Washington, D.C.-Md.-Va.
308	Rock Hill, S.C.	327	Sarasota, Fla.	347	Tacoma, Wash.	366	Waterbury, Conn.
309	Sacramento, Calif.	328	Savannah, Ga.	348	Tallahassee, Fla.	367	Waterloo-Cedar Falls, Iowa
310	Saginaw, Mich.	329	Seattle-Everett, Wash.	349	Tampa-St. Petersburg, Fla.	368	Wausau, Wis.
311	St. Cloud, Minn.	330	Sharon, Pa.	350	Terre Haute, Ind.	369	West Palm Beach-Boca Raton, Fla.
312	St. Joseph, Mo.	331	Sheboygan, Wis.	351	Texarkana, Tex.-Texarkana, Ark.	370	Wheeling, W. Va.-Ohio
313	St. Louis, Mo.-Ill.	332	Sherman-Denison, Tex.	352	Toledo, Ohio-Mich.	371	Wichita, Kans.
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315	Salinas-Seaside-Monterey, Calif.	334	Sioux City, Iowa-Nebr.	354	Trenton, N.J.	373	Williamsport, Pa.
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316	Salisbury-Concord, N.C.	336	South Bend, Ind.			375	Wilmington, N.C.
317	Salt Lake City-Ogden, Utah	337	Spokane, Wash.	356	Tulsa, Okla.	376	Worcester, Mass.
318	San Angelo, Tex.	338	Springfield, Ill.	357	Tuscaloosa, Ala.	377	Yakima, Wash.
319	San Antonio, Tex.	339	Springfield, Mo.	358	Tyler, Tex.	378	York, Pa.
320	San Diego, Calif.	340	Springfield, Ohio	359	Utica-Rome, N.Y.	379	Youngstown-Warren, Ohio
321	San Francisco-Oakland, Calif.	341	Springfield-Chicopee-Holyoke, Mass.-Conn.	360	Vallejo-Fairfield-Napa, Calif.	380	Yuba City, Calif.
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Introduction

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GENERAL

This report is part of the *Metropolitan Housing Characteristics* series and presents cross-tabulations of sample data on housing and household characteristics from the 1980 Census of Population and Housing. Legal provision for this census, which was conducted as of April 1, 1980, was made in the Act of Congress of August 31, 1954 (amended August 1957, December 1975, and October 1976), which codified Title 13, United States Code.

The content and procedures of the 1980 census were determined after evaluation of the results of the 1970 census, consultation with a wide variety of users of census data, and extensive field testing. A number of changes were introduced in 1980 to improve the usefulness of the census results. The changes do not, however, affect to any appreciable extent the comparability between the 1980 data and the 1970 data. Further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in other publications of the 1980 census.

The *Metropolitan Housing Characteristics* series consists of a United States

Summary report and individual reports for each of the 50 States, Puerto Rico, and each of the standard metropolitan statistical areas (SMSA's) in the United States and Puerto Rico. The abbreviated identification for this report is HC80-2 (i.e., Housing Census, 1980, Volume 2) followed by a number representing the State or SMSA.

In the SMSA reports, data are published for the following levels of geography: the SMSA, each central city, and each place of 50,000 or more population. In the State reports, data are shown for the State, that part of the State inside SMSA's, and inside central cities. In the United States Summary report, data are published for the United States total, inside SMSA's, and inside central cities, and for the four census regions, the region total, inside SMSA's, and inside central cities.

CONTENTS OF THE REPORT

This report contains text (this introduction and six appendixes), a table of contents, one or more maps, and a series of detailed tables. The detailed tables are organized to provide a set of 68 tables for each geographic area (State, SMSA, central city, etc.) covered in the report. As shown in the "Index of Tables" on page IX, the set of tables for each geographic area is identified with a unique letter (A, B, C, etc.) prefix in the table number. In the SMSA reports, the SMSA is presented first, followed by the sets of tables for the central cities and places, all in alphabetical order.

For each particular area, the 68 tables consist of: 13 tables for the area in its entirety, 44 tables for occupied housing units classified by the racial group of the householder, and 11 tables for occupied housing units with householders of Spanish origin. More specifically, tables

1 to 13 are for the entire State, SMSA, central city, or place; tables 14 to 24 are for housing units with a White householder; tables 25 to 35 are for units with a Black householder; tables 36 to 46 are for units with an American Indian, Eskimo, or Aleut householder; tables 47 to 57 are for units with an Asian or Pacific Islander householder; and tables 58 to 68 are for units with a Spanish origin householder.

The race and Spanish origin tables are presented for SMSA's and places only when certain population-size criteria are met. Tables 25 to 35 (Black); 36 to 46 (American Indian, Eskimo, and Aleut); and 47 to 57 (Asian and Pacific Islander) are presented only when the particular area's population contains 10,000 or more persons of the given racial group or when the persons in the given racial groups constitute 10 percent or more of the total population of the particular area. If any of these 3 sets of tables qualify to appear for an area, tables 14 to 24 (White) are also presented. The Spanish origin tables (58 to 68) are shown if there are 10,000 or more Spanish origin persons in the particular area or if such persons constitute 10 percent or more of the total population of the particular area.

Appearing last in the report are the appendixes. Appendix A describes the various area classifications (e.g., standard metropolitan statistical area, census designated place). Appendix B provides definitions and explanations for the subjects covered in this report. Appendix C briefly explains the residence rules used in counting the population and describes the data collection and processing procedures. Appendix D presents information on the sources of error in the data and on editing procedures. Appendix E contains facsimiles of the 1980 census questionnaire pages and respondent instructions. Appendix F summarizes the data dissemination program of the 1980 census.

DERIVED FIGURES (Means, Medians, and Percents)

This report presents means, medians, and percents, as well as certain rates and ratios. The median—a type of average—is the middle value in a distribution; i.e., the median divides the distribution into two equal parts: one-half of the cases are below the median and one-half of the cases are above the median. Percents and other derived measures which round to less than 0.1 are not shown but are indicated as zero (i.e., “—”).

Medians for rooms are rounded to the nearest tenth; for age, to the nearest year; for persons, to the nearest hundredth; for value, to the nearest hundred dollars; and for income, selected monthly owner costs, contract and gross rent, to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category “3 rooms” is treated as an interval ranging from 2.5 to 3.5 rooms. In computing median rent, units reported as “no cash rent” are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. For example, median age is based on a distribution of five year intervals from 15 to 85 years. When the median falls in the lower terminal category of an open-ended distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category “Less than \$10,000,” it is shown as “\$10,000—.” When the median falls in the upper terminal category of an open-

ended distribution, the initial value of the terminal category is given followed by a plus sign; thus, for example, if the median falls in the category “\$150,000 or more,” it is shown as “\$150,000+.”

SYMBOLS AND GEOGRAPHIC ABBREVIATIONS

The following symbols and geographic abbreviations are used in the tables:

- A dash “—” represents zero or a percent which rounds to less than 0.1.
- Three dots “. . .” mean not applicable, or that the data are being withheld to avoid disclosure of information for individual housing units. (For further information on disclosure, see the section below on “Suppression of Data for Confidentiality.”)
- CDP is census designated place.
- SMSA is standard metropolitan statistical area.

SUPPRESSION OF DATA FOR CONFIDENTIALITY

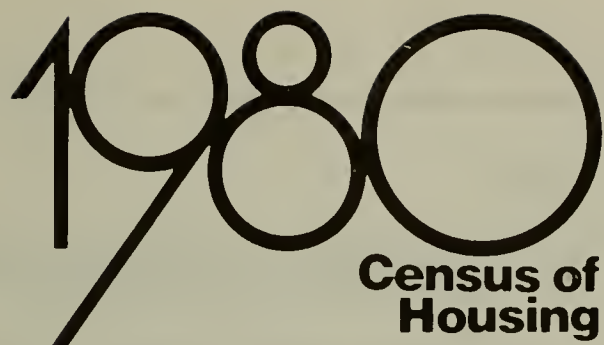
To maintain the confidentiality promised respondents and required by law, the Census Bureau takes precautions that its published data do not disclose information about specific individuals and housing units. To accomplish this, the Bureau suppresses data for characteristics which are based on a small number of persons and/or housing units in the geographic area. Under certain conditions, both primary and complementary suppression, as defined below, may take place.

The general rules of primary suppression of sample data are as follows: esti-

mates of total population by race and Spanish origin are never suppressed; other characteristics for persons are shown only if there are 30 or more persons in the geographic area; estimates of total housing units, vacant housing units, year-round housing units, and occupied housing units are never suppressed; characteristics of year-round housing units which are not classified by occupancy status are shown only when there are 10 or more year-round housing units in the geographic area; characteristics of families, households, or occupied housing units are shown only if there are at least 10 occupied housing units within the geographic area; and distributions of data for owners or renters are shown only where the number of owners is at least 10 and the number of renters is also at least 10. These primary suppression criteria are applied independently of one another. The comparable figures for complete count (100-percent) data are 15 or more persons and 5 or more housing units of the specified type.

Population and occupied housing unit characteristics cross-classified by race or Spanish origin (of the householder in the case of occupied housing units) are subject to an additional level of examination. This requires that the 30 person or 10 housing unit criterion stated above be applied individually to each race or Spanish origin category.

Finally, complementary suppression is applied to prevent the derivation of primary suppressed data by subtraction. For example, housing unit data shown by tenure may require complementary suppression when the number of owner-occupied or renter-occupied housing units is less than 10.



Metropolitan Housing Characteristics

GRAND FORKS, N.DAK.-MINN.

STANDARD METROPOLITAN STATISTICAL AREA
HC80-2-171

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Arrangement of Tables

This report presents a set of tables for the SMSA, each central city, and each place of 50,000 inhabitants or more. The report is organized to provide a set of 68 tables for each geographic area. There are 11 tables showing data for all households in the area, 2 tables showing data for vacant units, 11 tables for householders of each of four separate race groups, and 11 tables for householders of Spanish origin. The race/Spanish origin tables are, however, shown only when certain population criteria are met. See page VII of the Introduction for further information. To assist the reader in using this report, the listings are presented as follows:

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List of Tables—shows the table numbers and titles for each of the 68 tables	X
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Tables for the total SMSA have the prefix letter "A"; tables for central cities and places of 50,000 inhabitants or more, in alphabetical order, have the prefix letter "B," "C," etc.

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		Total	White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	Spanish Origin
		Pages	Pages	Pages	Pages	Pages	Pages
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Grand Forks	B	13 to 24	—	—	—	—	—

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(Tables 14 to 24 for the White population are shown if any of the other three racial groups in the area qualify; tables 25 to 35 are shown if an area has 10,000 or more or 10 percent Black population; tables 36 to 46 are shown if an area has 10,000 or more or 10 percent American Indian, Eskimo, and Aleut population; tables 47 to 57 are shown if an area has 10,000 or more or 10 percent Asian and Pacific Islander population; and tables 58 to 68 are shown if an area has 10,000 or more or 10 percent Spanish origin population)

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Table Finding Guide— Cross-Classification of Subjects by Table Number

Subject	Value	Gross rent	Income and poverty status in 1979 of owner-occupied housing units	Income and poverty status in 1979 of renter-occupied housing units	Selected monthly owner costs for mortgaged housing units	Selected monthly owner costs for not mortgaged housing units
OCCUPANCY CHARACTERISTICS						
Condominium	—	—	—	—	—	—
Year moved into unit	1	2	3	4	5	6
UTILIZATION CHARACTERISTICS						
Rooms	1	2	—	—	5	6
Persons in unit	—	—	—	—	5	6
Bedrooms	1	2	—	—	—	—
Median rooms	1	2	3	4	5	6
STRUCTURAL CHARACTERISTICS						
Units in structure	—	2	—	—	—	—
Year structure built	1	2	—	—	5	6
Stories in structure	—	2	—	—	—	—
PLUMBING CHARACTERISTICS						
Plumbing facilities	1	2	3	4	—	—
EQUIPMENT AND FUELS						
Heating equipment	1	2	3	4	5	6
Air conditioning	1	2	3	4	5	6
Vehicles available	—	—	3	4	—	—
House heating fuel	—	—	3	4	5	6
Water heating fuel	—	—	—	—	—	—
FINANCIAL CHARACTERISTICS						
Value	—	—	—	—	5	6
Price asked	—	—	—	—	—	—
Mortgage status and selected monthly owner costs	—	—	3	—	—	—
Selected monthly owner costs as percentage of household income	—	—	—	—	5	6
Contract rent	—	—	—	4	—	—
Gross rent	—	—	—	4	—	—
Rent asked	—	—	—	—	—	—
Gross rent as percentage of household income	—	2	—	4	—	—
Mortgage status and selected monthly owner costs as percentage of household income	1	—	3	—	—	—
HOUSEHOLD CHARACTERISTICS						
Household type by age of householder	1	2	3	4	5	6
Income	1	—	—	—	—	—
Income below poverty level	1	2	—	—	—	—
The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.						
White	14	15	16	17	18	19
Black	25	26	27	28	29	30
American Indian, Eskimo, and Aleut	36	37	38	39	40	41
Asian and Pacific Islander	47	48	49	50	51	52
Spanish origin	58	59	60	61	62	63

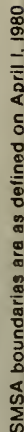
Table Finding Guide—Cross-Classification of Subjects by Table Number

Subject	Year structure built	Units in structure	Size of household (persons)	Household composition by age of householder	Age and sex of householder in one-person households	Duration of vacancy	Price asked and rent asked
OCCUPANCY CHARACTERISTICS							
Condominium	—	8	—	—	—	—	—
Year moved into unit.	7	8	—	—	—	—	—
UTILIZATION CHARACTERISTICS							
Rooms	7	8	9	—	—	12	—
Persons in unit.	7	—	—	10	—	—	—
Bedrooms	—	8	—	—	—	12	13
Median rooms	7	8	9	—	—	12	—
STRUCTURAL CHARACTERISTICS							
Units in structure	7	—	9	—	11	12	13
Year structure built.	—	—	—	—	—	12	13
Stories in structure	—	—	—	—	—	—	—
PLUMBING CHARACTERISTICS							
Plumbing facilities	7	8	9	10	11	12	13
EQUIPMENT AND FUELS							
Heating equipment	7	8	—	—	—	12	—
Air conditioning.	7	8	—	—	—	—	—
Vehicles available	—	8	—	—	—	—	—
House heating fuel	7	8	—	—	—	—	—
Water heating fuel.	—	8	—	—	—	—	—
FINANCIAL CHARACTERISTICS							
Value	—	—	9	—	—	—	—
Price asked.	—	—	—	—	—	12	—
Mortgage status and selected monthly owner costs	—	—	—	—	11	—	—
Selected monthly owner costs as percentage of household income.	—	—	9	—	11	—	—
Contract rent	—	—	—	—	—	—	—
Gross rent	—	—	9	—	11	—	—
Rent asked.	—	—	—	—	—	12	—
Gross rent as percentage of household income	—	—	9	10	11	—	—
Mortgage status and selected monthly owner costs as percentage of household income	—	—	—	10	—	—	—
HOUSEHOLD CHARACTERISTICS							
Household type by age of householder	7	8	—	—	—	—	—
Income	7	8	9	—	11	—	—
Income below poverty level	7	8	9	—	11	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

White	20	21	22	23	24	—	—
Black	31	32	33	34	35	—	—
American Indian, Eskimo, and Aleut	42	43	44	45	46	—	—
Asian and Pacific Islander	53	54	55	56	57	—	—
Spanish origin	64	65	66	67	68	—	—

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CORRECTION NOTE

Any corrections to the 1980 census counts of the total population and total housing units made after this report was printed are available by writing to Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233.

NOTE TO USERS:

The "Not computed" line for Mortgage Status and Selected Monthly Owner Costs as Percentage of Household Income in 1979 for not mortgaged units includes households with zero or negative income and households reporting no housing costs; that is, not mortgaged units with no utility, fuel, tax, or insurance payments required. Households with no Selected Monthly Owner Costs are normally excluded from the "Not computed" category.

Table A-1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA

	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units	13 587	369	1 124	1 656	2 003	2 518	2 560	2 301	657	312	87	46 500	48 100
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	10 591	128	548	1 121	1 441	2 061	2 250	2 075	599	298	70	50 000	51 700
15 to 24 years	276	—	15	37	84	54	60	22	4	—	—	40 300	42 000
25 to 34 years	2 586	11	85	144	372	548	694	530	146	45	11	51 500	53 100
35 to 44 years	2 289	11	32	146	255	359	543	602	206	111	24	56 200	59 800
45 to 64 years	3 898	36	196	433	454	780	803	820	213	128	35	50 500	52 600
65 years and over	1 542	70	220	361	276	320	150	101	30	14	—	34 900	36 400
Male householder, no wife present	944	101	163	157	174	150	120	64	15	—	—	33 500	34 500
15 to 24 years	94	7	19	28	22	16	2	—	—	—	—	27 800	28 900
25 to 34 years	213	3	10	39	44	24	59	32	2	—	—	43 300	44 200
35 to 44 years	73	6	7	8	4	18	12	5	13	—	—	48 000	48 500
45 to 64 years	247	31	37	42	59	36	27	15	—	—	—	33 200	32 600
65 years and over	317	54	90	40	45	56	20	12	—	—	—	23 400	27 900
Female householder, no husband present	2 052	140	413	378	388	307	190	162	43	14	17	33 000	36 100
15 to 24 years	23	—	—	11	2	10	—	—	—	—	—	31 300	34 900
25 to 34 years	85	—	16	21	10	7	8	18	—	—	—	37 800	44 000
35 to 44 years	177	8	13	14	47	23	20	50	2	—	—	42 200	44 200
45 to 64 years	652	28	104	103	105	125	112	41	25	9	—	38 900	39 200
65 years and over	1 115	104	280	229	224	142	50	53	16	—	17	27 200	32 400
Median age	49.1	68.2	65.9	58.3	49.9	49.0	42.9	43.4	43.1	44.5	47.0	...	...
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	1 367	16	73	101	177	260	298	259	130	38	15	51 600	54 900
1975 to 1978	3 844	47	158	288	520	656	842	880	278	153	22	52 800	55 100
1970 to 1974	2 072	56	124	245	233	379	480	382	117	40	16	50 000	50 200
1960 to 1969	3 012	96	243	417	439	586	583	510	67	44	27	45 100	46 300
1959 or earlier	3 292	154	526	605	634	637	357	270	65	37	7	35 700	37 500
ROOMS													
1 to 3 rooms	321	101	92	67	35	6	1	19	—	—	—	15 800	20 100
4 rooms	1 325	84	236	354	277	228	94	31	19	2	—	29 600	31 700
5 rooms	3 303	92	337	440	655	762	678	292	25	12	10	41 600	41 300
6 rooms	3 059	45	270	413	516	679	589	405	136	6	—	44 200	44 300
7 rooms	2 158	22	133	260	334	451	395	414	119	26	4	47 500	48 200
8 or more rooms	3 421	25	56	122	186	392	803	1 140	358	266	73	61 700	67 000
Median	6.1	4.5	5.2	5.4	5.6	5.9	6.4	7.5	7.7	8.5+	8.5+	...	...
BEDROOMS													
None	12	6	—	—	—	—	—	6	—	—	—	40 000	40 000
1	408	100	125	97	32	21	13	8	6	—	6	17 600	24 800
2	2 948	152	472	609	707	508	311	138	37	4	10	34 100	35 200
3	6 339	89	392	721	909	1 363	1 433	1 077	250	97	8	47 700	47 800
4	3 193	22	121	196	311	531	665	872	301	153	21	56 300	58 700
5 or more	687	—	14	33	44	95	138	200	63	58	42	61 300	71 700
YEAR STRUCTURE BUILT													
1975 to March 1980	1 721	8	10	11	92	221	398	607	226	119	29	63 000	68 400
1970 to 1974	1 066	2	18	19	33	173	304	325	117	66	9	59 400	64 200
1960 to 1969	2 248	3	53	64	138	478	710	526	179	68	29	55 200	59 700
1950 to 1959	2 440	14	67	163	375	597	604	489	88	38	5	50 100	50 900
1940 to 1949	1 313	52	95	244	362	313	121	110	11	5	—	37 700	38 400
1939 or earlier	4 799	290	881	1 155	1 003	736	423	244	36	16	15	30 700	33 100
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	962	152	306	170	103	128	44	41	8	—	10	21 000	28 400
\$5,000 to \$9,999	1 611	142	348	398	283	234	87	82	33	2	2	27 500	31 300
\$10,000 to \$12,499	802	12	130	161	154	119	111	70	36	9	—	37 100	40 000
\$12,500 to \$14,999	755	16	89	138	160	123	127	63	31	6	2	37 900	40 900
\$15,000 to \$19,999	2 060	26	119	296	445	456	433	226	19	30	10	43 100	44 500
\$20,000 to \$24,999	2 391	10	74	215	428	600	585	406	58	15	—	47 700	47 800
\$25,000 to \$34,999	3 069	10	44	233	341	631	818	721	199	39	33	53 000	55 300
\$35,000 to \$49,999	1 294	—	10	41	67	177	289	489	153	63	5	61 900	64 000
\$50,000 or more	643	1	4	22	50	66	203	120	148	25	25	74 700	84 800
Median	\$21 160	\$5 874	\$8 526	\$14 293	\$18 160	\$21 490	\$24 068	\$28 417	\$31 634	\$47 551	\$31 419	...	...
Mean	\$23 214	\$7 593	\$10 533	\$15 477	\$19 332	\$22 100	\$25 347	\$30 456	\$35 799	\$60 618	\$38 728	...	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	8 084	43	245	676	1 015	1 476	1 998	1 767	536	263	63	52 600	55 100
Less than 15 percent	1 823	13	62	171	215	342	405	388	107	106	14	52 500	56 000
15 to 19 percent	1 607	10	36	144	199	317	359	416	74	43	9	52 500	54 100
20 to 24 percent	1 600	4	49	111	209	260	522	295	123	27	—	52 700	53 300
25 to 29 percent	1 024	2	31	91	147	191	245	229	69	6	13	51 600	53 300
30 to 34 percent	727	5	12	53	82	137	206	129	66	32	5	53 600	56 700
35 percent or more	1 268	9	53	106	156	225	256	295	97	49	22	53 100	57 700
Not computed	35	—	2	—	7	4	5	15	2	—	—	59 200	55 600
Median	21.9	19.2	22.4	21.0	22.2	21.5	22.2	21.2	23.5	18.0	28.3	...	...
Not mortgaged	5 503	326	879	980	988	1 042	562	534	119	49	24	35 900	37 900
Less than 10 percent	1 978	44	172	332	393	443	233	264	56	41	—	41 000	42 700
10 to 14 percent	1 202	66	151	218	183	260	145	152	18	6	3	38 900	39 400
15 to 19 percent	704	59	142	130	141	92	75	50	13	2	—	31 800	33 500
20 to 24 percent	440	26	101	70	119	42	39	23	16	—	4	32 200	35 000
25 to 29 percent	323	18	83	97	56	25	27	10	7	—	—	26 500	29 800
30 to 34 percent	279	31	91	50	39	50	9	2	7	—	—	25 100	28 000
35 percent or more	547	73	137	80	55	118	32	33	2	—	17	26 500	35 400
Not computed	30	9	2	3	2	12	2	—	—	—	—	37 500	30 200
Median	13.2	19.1	19.1	13.6	12.7	11.4	11.6	10.1	11.0	10—	38.6	...	...
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	13 506	334	1 100	1 646	2 003	2 514	2 560	2 299	657	312	81	46 600	48 200
1.01 or more persons per room	242	5	25	31	43	57	57	24	—	—	—	42 700	41 000
Lacking complete plumbing for exclusive use	81	35	24	10	—	4	—	2	—	—	6	12 000	32 900
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment	13 585	369	1 124	1 656	2 003	2 518	2 558	2 301	657	312	87	46 500	48 100
Central heating system	12 558	207	833	1 501	1 832	2 398	2 489	2 277	641	301	79	47 900	49 600
Air conditioning	6 796	55	291	599	957	1 197	1 470	1 450	465	238	74	51 600	54 600
Central system	3 023	—	30	97	180	441	708	920	372	210	65	60 900	67 000
Income in 1979 below poverty level	767	107	236	134	54	100	50	61	13	2	10	23 000	32 300
Percent below poverty level	5.6	29.0	21.0	8.1	2.7	4.0	2.0	2.7	2.0	0.6	11.5	...	...

Table A-2. Gross Rent of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

The SMSA	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units	12 934	1 226	1 492	2 555	2 765	1 838	985	565	287	115	1 106	210
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families.....	5 457	133	558	955	1 243	768	431	324	160	59	826	224
15 to 24 years.....	1 527	52	233	491	253	159	82	50	17	—	190	187
25 to 34 years.....	2 381	29	246	336	664	357	199	88	82	15	365	224
35 to 44 years.....	717	—	9	38	225	109	43	95	31	22	145	255
45 to 64 years.....	471	7	22	23	40	89	87	71	30	22	80	308
65 years and over.....	361	45	48	67	61	54	20	20	—	—	46	198
Male householder, no wife present.....	2 975	297	408	746	561	388	220	123	73	17	142	198
15 to 24 years.....	1 244	58	156	348	273	187	79	51	36	13	43	208
25 to 34 years.....	920	42	106	242	186	122	94	66	22	4	36	210
35 to 44 years.....	197	2	57	47	7	41	21	—	15	—	7	194
45 to 64 years.....	342	95	27	83	63	27	18	—	—	—	29	175
65 years and over.....	272	100	62	26	32	11	8	6	—	—	27	115
Female householder, no husband present.....	4 502	796	526	854	961	682	334	118	54	39	138	200
15 to 24 years.....	1 242	65	132	289	423	166	83	28	21	14	21	211
25 to 34 years.....	1 120	92	148	175	237	293	91	48	24	12	—	234
35 to 44 years.....	272	36	20	47	29	49	36	26	—	8	21	236
45 to 64 years.....	547	53	54	142	111	78	45	12	9	5	38	202
65 years and over.....	1 321	550	172	201	161	96	79	4	—	—	58	119
Median age.....	29.1	68.1	28.5	26.4	28.1	29.0	30.7	29.9	28.5	34.9	30.7	...
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980.....	7 382	499	815	1 586	1 630	1 148	629	358	224	99	394	216
1975 to 1978.....	3 958	382	505	687	913	514	285	173	54	16	429	210
1970 to 1974.....	915	257	96	131	142	97	55	14	5	—	118	170
1960 to 1969.....	427	78	46	105	57	59	2	7	—	—	73	168
1959 or earlier.....	252	10	30	46	23	20	14	13	4	—	92	189
ROOMS												
1 room.....	419	269	87	48	5	—	—	—	—	—	10	90
2 rooms.....	1 172	237	250	391	191	29	22	27	—	—	25	162
3 rooms.....	2 967	432	423	861	772	271	127	8	14	—	59	189
4 rooms.....	3 548	222	471	618	727	849	306	145	60	10	140	226
5 rooms.....	2 540	50	204	335	632	411	286	171	56	20	375	238
6 rooms.....	1 387	14	38	202	284	191	154	131	75	35	263	257
7 or more rooms.....	901	2	19	100	154	87	90	83	82	50	234	276
Median.....	4.0	2.7	3.5	3.5	4.1	4.2	4.6	5.1	5.7	6.3	5.4	...
PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979												
All income levels in 1979.....	12 934	1 226	1 492	2 555	2 765	1 838	985	565	287	115	1 106	210
Complete plumbing for exclusive use.....	12 628	1 055	1 442	2 525	2 743	1 828	985	565	287	115	1 083	212
0.50 or less.....	7 521	714	879	1 685	1 538	1 098	589	269	119	61	569	206
0.51 to 1.00.....	4 755	325	536	787	1 130	641	363	271	158	43	501	219
1.01 to 1.50.....	269	—	5	24	75	89	26	25	10	11	4	266
1.51 or more.....	83	16	22	29	—	—	7	—	—	—	9	139
Lacking complete plumbing for exclusive use.....	306	171	50	30	22	10	—	—	—	—	23	95
0.50 or less.....	161	82	33	18	6	8	—	—	—	—	14	98
0.51 to 1.00.....	137	89	17	12	8	2	—	—	—	—	9	88
1.01 to 1.50.....	8	—	—	—	8	—	—	—	—	—	—	213
1.51 or more.....	—	—	—	—	—	—	—	—	—	—	—	—
Income in 1979 below poverty level.....	2 841	624	409	544	496	343	138	79	38	24	146	180
Complete plumbing for exclusive use.....	2 740	582	385	534	482	341	138	79	38	24	137	183
1.01 or more persons per room.....	111	8	14	14	25	33	5	4	4	—	4	233
Lacking complete plumbing for exclusive use.....	101	42	24	10	14	2	—	—	—	—	9	104
1.01 or more persons per room.....	8	—	—	—	8	—	—	—	—	—	—	213
BEDROOMS												
None.....	533	300	124	76	13	5	—	—	—	—	15	94
1.....	4 204	651	701	1 388	966	256	111	37	6	—	88	177
2.....	4 830	226	539	669	1 036	1 198	597	234	93	16	222	243
3.....	2 700	46	120	332	634	314	240	237	133	62	582	242
4.....	601	3	8	90	104	61	37	50	47	27	174	254
5 or more.....	66	—	—	—	12	4	—	7	8	10	25	382
UNITS IN STRUCTURE												
1, detached or attached.....	2 268	56	196	305	396	295	219	161	152	85	403	247
2.....	2 105	111	192	362	464	255	165	216	75	9	256	230
3 and 4.....	1 731	107	250	484	326	307	84	33	—	—	140	194
5 to 9.....	1 779	164	214	467	521	125	67	14	1	9	197	195
10 to 49.....	3 994	394	496	818	888	778	405	124	50	12	29	214
50 or more.....	777	388	120	45	104	47	29	8	—	—	36	97
Mobile home or trailer, etc.....	280	6	24	74	66	31	16	9	9	—	45	211
YEAR STRUCTURE BUILT												
1975 to March 1980.....	2 626	351	167	287	555	562	331	173	102	32	66	242
1970 to 1974.....	2 114	244	290	336	506	367	160	58	32	28	93	213
1960 to 1969.....	2 764	195	335	520	667	315	174	118	52	6	382	208
1950 to 1959.....	1 907	40	122	445	482	216	130	118	26	21	307	217
1940 to 1949.....	812	124	104	221	132	65	61	16	45	—	44	187
1939 or earlier.....	2 711	272	474	746	423	313	129	82	30	28	214	181
STORIES IN STRUCTURE												
1 to 3.....	12 510	1 027	1 421	2 478	2 741	1 817	968	565	283	115	1 095	213
4 or more.....	424	199	71	77	24	21	17	—	4	—	11	111
With elevator.....	265	192	32	7	—	14	9	—	4	—	7	69
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979												
Less than 15 percent.....	1 951	334	388	410	348	267	118	72	14	—	...	182
15 to 19 percent.....	2 098	191	271	387	523	333	235	92	48	17	...	218
20 to 24 percent.....	1 961	303	209	362	496	270	152	96	49	24	...	210
25 to 29 percent.....	1 496	210	123	339	390	238	87	78	31	—	...	209
30 to 34 percent.....	1 030	60	87	309	220	168	101	48	37	—	...	214
35 to 49 percent.....	1 320	60	186	254	335	229	113	73	40	30	...	220
50 percent or more.....	1 815	49	210	448	427	294	174	101	68	44	...	219
Not computed.....	1 263	19	18	45	26	39	5	5	—	—	1 106	188
Median.....	24.6	21.3	21.9	26.4	25.0	25.6	24.5	26.3	30.2	42.9	...	...
SELECTED CHARACTERISTICS												
Heating equipment.....	12 925	1 226	1 492	2 555	2 756	1 838	985	565	287	115	1 106	210
Central heating system.....	12 121	1 107	1 398	2 357	2 584	1 795	949	538	278	109	1 006	212
Air conditioning.....	4 267	228	265	520	994	1 033	505	244	69	61	290	248
Central system.....	588	36	60	71	77	121	54	33	37	45	54	260

Table A—3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Owner-occupied housing units -----	20 595	1 792	2 777	1 490	1 332	3 271	3 236	4 066	1 746	885	19 433	21 838	1 612
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families -----	15 552	608	1 432	1 020	978	2 603	2 893	3 597	1 604	817	21 773	24 369	797
15 to 24 years -----	611	32	59	65	63	167	121	77	26	1	17 100	18 135	32
25 to 34 years -----	3 707	93	183	225	280	831	922	859	200	114	21 170	22 825	173
35 to 44 years -----	3 143	89	127	85	126	555	577	958	439	187	25 120	28 063	174
45 to 64 years -----	5 628	180	342	319	297	709	1 067	1 451	809	454	24 466	27 606	262
65 years and over -----	2 463	214	721	326	212	341	206	252	130	61	12 274	16 129	156
Male householder, no wife present -----	1 969	337	393	160	142	333	183	295	92	34	14 164	15 932	230
15 to 24 years -----	210	12	54	49	10	38	29	12	6	—	11 990	14 204	16
25 to 34 years -----	429	25	31	33	42	135	36	96	30	1	17 319	19 303	25
35 to 44 years -----	172	17	23	7	9	42	23	38	—	13	18 929	21 244	17
45 to 64 years -----	554	104	82	38	32	64	78	105	33	18	16 641	17 804	64
65 years and over -----	604	179	203	33	49	54	17	44	23	2	7 440	10 910	108
Female householder, no husband present -----	3 074	847	952	310	212	335	160	174	50	34	8 440	12 816	585
15 to 24 years -----	65	17	33	—	13	—	—	2	—	—	6 435	7 948	25
25 to 34 years -----	197	36	41	27	31	54	1	7	—	—	11 991	11 271	44
35 to 44 years -----	278	21	97	31	35	43	39	8	4	—	11 694	12 934	46
45 to 64 years -----	900	145	240	137	49	120	65	97	28	19	11 186	15 119	125
65 years and over -----	1 634	628	541	115	84	118	55	60	18	15	6 370	11 907	345
Median age -----	49.4	67.7	66.0	56.0	48.3	39.9	43.0	44.8	49.5	49.6	...	...	55.9
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980 -----	2 360	86	199	204	215	564	428	436	162	66	19 247	21 717	128
1975 to 1978 -----	5 825	299	590	390	335	1 025	1 102	1 332	530	222	21 219	22 979	365
1970 to 1974 -----	3 089	243	305	182	172	493	491	741	308	154	21 190	23 268	261
1960 to 1969 -----	3 893	319	418	220	242	468	652	913	432	229	21 868	24 033	280
1959 or earlier -----	5 428	845	1 265	494	368	721	563	644	314	214	13 247	18 278	578
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use -----	20 236	1 657	2 678	1 462	1 307	3 242	3 223	4 038	1 744	885	19 643	22 057	1 493
1.01 or more persons per room -----	391	11	50	63	38	59	81	48	31	10	17 043	20 062	65
Lacking complete plumbing for exclusive use -----	359	135	99	28	25	29	13	28	2	—	6 738	9 509	119
1.01 or more persons per room -----	2	—	—	—	—	—	—	2	—	—	30 468	34 220	—
Heating equipment -----	20 593	1 792	2 777	1 490	1 332	3 271	3 234	4 066	1 746	885	19 431	21 838	1 612
Central heating system -----	18 454	1 355	2 248	1 266	1 130	2 995	3 057	3 870	1 695	838	20 343	22 778	1 225
Air conditioning -----	9 849	543	820	622	577	1 481	1 734	2 331	1 108	633	22 217	25 206	514
Central system -----	4 264	171	251	211	182	526	658	1 225	656	384	25 947	29 421	177
Vehicles available -----	19 666	1 349	2 468	1 408	1 309	3 233	3 234	4 040	1 746	879	20 092	22 298	1 351
1 -----	5 163	782	1 275	485	468	858	627	478	134	56	12 711	14 566	578
2 or more -----	14 503	567	1 193	923	841	2 375	2 607	3 562	1 612	823	22 434	25 050	773
House heating fuel -----	20 593	1 792	2 777	1 490	1 332	3 271	3 234	4 066	1 746	885	19 431	21 838	1 612
Utility gas -----	5 490	233	589	297	273	850	874	1 382	676	316	22 603	26 184	240
Bottled, tank, or LP gas -----	1 255	162	249	155	109	228	165	120	44	23	13 911	16 489	124
Electricity -----	3 755	210	327	231	189	627	712	837	443	179	21 872	24 170	255
Fuel oil, kerosene, etc. -----	9 638	1 132	1 543	743	710	1 505	1 410	1 661	579	355	17 218	19 418	937
Other -----	455	55	69	64	51	61	73	66	4	12	14 436	16 158	56
Median rooms -----	5.9	5.1	5.3	5.4	5.4	5.8	5.9	6.5	7.0	8.0	...	...	5.5
Specified owner-occupied housing units -----	13 587	962	1 611	802	755	2 060	2 391	3 069	1 294	643	21 160	23 214	767
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
With a mortgage -----	8 084	175	404	323	406	1 361	1 672	2 369	933	441	24 043	26 694	265
Less than \$200 -----	250	26	59	21	11	51	44	28	10	—	15 606	16 013	24
\$200 to \$249 -----	511	38	65	46	56	86	77	116	26	1	17 781	18 813	49
\$250 to \$299 -----	992	7	91	57	100	174	229	257	68	9	21 543	22 931	28
\$300 to \$349 -----	1 063	29	63	51	79	191	214	322	95	19	22 139	23 315	33
\$350 to \$399 -----	883	10	32	31	37	181	224	211	86	71	22 161	26 789	19
\$400 to \$499 -----	1 713	30	43	45	56	355	401	554	181	48	23 812	25 456	61
\$500 to \$599 -----	1 282	15	24	29	19	153	267	466	212	97	26 565	30 411	18
\$600 to \$749 -----	946	20	11	11	25	118	189	320	166	86	26 591	31 351	31
\$750 or more -----	444	—	16	32	23	52	27	95	89	110	29 113	42 205	2
Median -----	\$419	\$328	\$293	\$337	\$323	\$399	\$410	\$440	\$500	\$575	...	...	\$348
Not mortgaged -----	5 503	787	1 207	479	349	699	719	700	361	202	14 495	18 103	502
Less than \$50 -----	47	25	13	—	5	—	3	1	—	—	4 792	6 937	17
\$50 to \$74 -----	208	87	83	12	5	6	3	10	—	2	5 720	7 644	77
\$75 to \$99 -----	608	223	173	31	29	81	34	27	9	1	6 947	9 897	119
\$100 to \$124 -----	1 040	206	335	98	53	123	146	58	15	6	9 645	12 476	112
\$125 to \$149 -----	861	113	242	87	85	113	139	59	20	3	12 170	13 852	75
\$150 to \$199 -----	1 712	98	273	180	147	249	228	328	150	59	18 263	20 906	72
\$200 to \$249 -----	596	6	40	55	18	78	122	154	95	28	23 883	26 213	4
\$250 or more -----	431	29	48	16	7	49	44	63	72	103	28 224	35 662	26
Median -----	\$150	\$107	\$125	\$153	\$149	\$155	\$158	\$180	\$195	\$250+	...	...	\$108
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage -----	8 084	175	404	323	406	1 361	1 672	2 369	933	441	24 043	26 694	265
Less than 15 percent -----	1 823	—	—	2	11	74	223	707	454	352	33 348	41 568	—
15 to 19 percent -----	1 607	—	10	18	17	199	387	667	258	51	27 114	28 735	3
20 to 24 percent -----	1 600	—	17	20	104	282	452	540	174	11	24 003	24 801	—
25 to 29 percent -----	1 024	—	35	62	102	250	249	295	25	6	21 036	21 555	—
30 to 34 percent -----	727	3	39	30	54	207	233	126	22	13	20 573	21 065	—
35 percent or more -----	1 268	137	303	191	118	349	128	34	—	8	12 564	13 252	227
Not computed -----	35	35	—	—	—	—	—	—	—	—	2500—	—1 042	35
Median -----	21.9	50+	46.1	37.4	28.5	27.5	22.5	18.6	15.2	10.1	...	...	50+
Not mortgaged -----	5 503	787	1 207	479	349	699	719	700	361	202	14 495	18 103	502
Less than 10 percent -----	1 978	11	27	21	49	279	466	589	334	202	27 061	31 471	6
10 to 14 percent -----	1 202	5	198	147	194	303	217	111	27	—	16 040	16 839	9
15 to 19 percent -----	704	25	275	198	83	96	27	—	—	—	10 657	11 225	13
20 to 24 percent -----	440	65	248	81	23	14	9	—	—	—	7 422	8 355	22
25 to 29 percent -----	323</												

Table A—4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

The SMSA	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Renter-occupied housing units	13 667	2 871	3 796	1 784	1 318	1 943	980	680	205	90	10 233	11 912	2 943
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	5 991	363	1 438	909	776	1 201	617	486	144	57	13 420	15 148	567
15 to 24 years	1 596	122	629	294	214	228	61	42	6	—	10 400	11 230	229
25 to 34 years	2 576	112	487	419	409	596	330	196	17	10	14 150	15 055	202
35 to 44 years	805	11	73	105	85	227	112	145	35	12	17 965	19 337	31
45 to 64 years	589	32	68	48	29	115	79	103	80	35	20 139	24 004	48
65 years and over	425	86	181	43	39	35	35	—	6	—	8 358	10 215	57
Male householder, no wife present	3 119	680	865	445	285	389	252	126	44	33	10 081	11 761	653
15 to 24 years	1 288	292	371	241	116	172	57	28	11	—	9 672	10 225	344
25 to 34 years	948	126	222	81	135	157	124	67	20	16	13 333	14 315	127
35 to 44 years	201	16	58	46	19	15	34	13	—	—	11 440	13 043	24
45 to 64 years	374	72	129	50	15	41	24	16	10	17	9 375	14 176	55
65 years and over	308	174	85	27	—	4	13	2	3	—	4 615	6 551	103
Female householder, no husband present	4 557	1 828	1 493	430	257	353	111	68	17	—	6 339	7 762	1 723
15 to 24 years	1 247	496	474	131	68	58	15	5	—	—	6 118	6 728	611
25 to 34 years	1 125	259	415	159	81	135	51	25	—	—	8 761	9 512	334
35 to 44 years	272	65	75	44	27	53	6	2	—	—	9 714	10 278	61
45 to 64 years	566	178	211	55	41	43	16	14	8	—	6 930	8 870	156
65 years and over	1 347	830	318	41	40	64	23	22	9	—	4 306	6 282	561
Median age	29.4	37.7	27.7	27.7	28.1	29.5	29.9	34.0	47.3	52.5	...	...	28.6
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	7 561	1 606	2 299	984	706	1 004	513	293	89	67	9 716	11 505	1 832
1975 to 1978	4 190	699	1 013	607	498	709	243	259	50	12	11 577	12 624	667
1970 to 1974	998	291	254	100	59	133	56	72	27	6	9 000	11 863	226
1960 to 1969	494	171	110	58	29	43	24	34	22	3	7 571	11 356	144
1959 or earlier	424	104	120	35	26	54	44	22	17	2	9 524	12 900	74
PLUMBING FACILITIES BY PERSONS PER ROOM													
Complete plumbing for exclusive use	13 313	2 708	3 691	1 754	1 316	1 912	964	675	203	90	10 367	12 027	2 834
0.50 or less	7 915	2 075	2 233	911	660	994	519	356	94	73	9 203	11 206	1 780
0.51 to 1.00	5 019	572	1 375	798	610	836	429	273	109	17	11 762	13 228	931
1.01 to 1.50	285	36	61	32	37	68	11	40	—	—	13 412	14 094	91
1.51 or more	94	25	22	13	9	14	5	6	—	—	10 000	10 738	32
Lacking complete plumbing for exclusive use	354	163	105	30	2	31	16	5	2	—	5 515	7 599	109
0.50 or less	197	96	61	6	—	18	13	3	—	—	5 123	7 365	47
0.51 to 1.00	146	59	44	21	2	13	3	2	2	—	7 059	8 020	54
1.01 to 1.50	11	8	—	3	—	—	—	—	—	—	4 219	6 177	8
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
SELECTED CHARACTERISTICS													
Heating equipment	13 658	2 871	3 796	1 784	1 318	1 943	971	680	205	90	10 227	11 906	2 943
Central heating system	12 650	2 663	3 505	1 630	1 230	1 799	910	644	189	80	10 241	11 924	2 702
Air conditioning	4 424	706	999	567	494	731	410	353	96	68	12 235	14 236	718
Central system	637	112	160	64	74	79	42	51	30	25	11 816	16 371	113
Vehicles available	11 622	1 572	3 282	1 690	1 265	1 910	958	662	200	83	11 416	13 042	1 919
1	6 376	1 261	2 378	900	747	701	250	72	41	26	9 063	10 084	1 308
2 or more	5 246	311	904	790	518	1 209	708	590	159	57	15 378	16 638	611
House heating fuel	13 658	2 871	3 796	1 784	1 318	1 943	971	680	205	90	10 227	11 906	2 943
Utility gas	3 540	931	1 010	384	290	421	261	160	54	29	9 249	11 353	890
Bottled, tank, or LP gas	516	100	114	53	98	78	38	27	5	3	12 075	12 393	113
Electricity	3 915	1 075	959	518	327	509	247	190	60	30	9 497	11 182	1 030
Fuel oil, kerosene, etc.	5 175	710	1 515	768	527	849	410	289	85	22	11 180	12 780	840
Other	512	55	198	61	76	86	15	14	1	6	10 123	11 932	70
Median rooms	4.1	3.3	3.9	4.4	4.4	4.6	4.9	5.2	5.8	4.2	...	...	3.6
Specified renter-occupied housing units	12 934	2 767	3 671	1 698	1 242	1 807	891	588	187	83	10 043	11 696	2 841
CONTRACT RENT													
Less than \$100	1 628	912	423	63	52	118	34	26	—	—	4 620	6 496	737
\$100 to \$149	2 064	545	764	265	177	188	62	51	9	3	8 173	9 139	495
\$150 to \$199	3 220	626	1 210	462	292	373	163	46	14	34	8 888	10 491	680
\$200 to \$249	2 747	331	594	465	383	557	234	135	38	10	12 411	13 385	444
\$250 to \$299	1 392	200	243	194	163	262	185	107	24	14	13 405	14 441	273
\$300 to \$349	433	20	31	45	21	84	115	74	43	—	20 657	20 683	36
\$350 to \$399	240	—	16	19	35	37	38	75	11	9	21 204	23 620	5
\$400 to \$499	72	9	15	6	—	6	—	18	11	7	23 750	23 013	14
\$500 or more	32	4	7	6	—	7	—	3	5	—	12 083	18 085	11
No cash rent	1 106	120	368	173	119	175	60	53	32	6	10 939	12 951	146
Median	\$183	\$138	\$168	\$197	\$204	\$213	\$235	\$254	\$287	\$229	...	...	\$158
GROSS RENT													
Less than \$100	1 226	777	323	34	36	38	9	9	—	—	4 245	5 278	624
\$100 to \$149	1 492	471	527	207	105	143	31	8	—	—	7 299	8 199	409
\$150 to \$199	2 555	557	1 083	279	246	215	108	43	7	17	8 303	9 649	544
\$200 to \$249	2 765	417	721	518	407	470	183	42	—	7	11 180	11 438	496
\$250 to \$299	1 838	249	359	277	193	385	175	135	33	32	12 940	14 598	343
\$300 to \$349	985	96	167	118	52	196	195	121	35	5	16 653	16 530	138
\$350 to \$399	565	59	60	55	49	108	88	95	42	9	17 324	19 151	79
\$400 to \$499	287	4	56	20	32	47	42	58	28	—	18 664	19 678	38
\$500 or more	115	17	7	17	3	30	—	24	10	7	16 250	20 773	24
No cash rent	1 106	120	368	173	119	175	60	53	32	6	10 939	12 951	146
Median	\$210	\$157	\$188	\$221	\$220	\$245	\$279	\$313	\$353	\$263	...	...	\$180
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
Less than 15 percent	1 951	20	188	135	180	496	395	336	131	70	19 597	21 834	29
15 to 19 percent	2 098	115	249	260	378	612	302	151	24	7	15 308	15 838	117
20 to 24 percent	1 961	244	505	383	346	318	117	48	—	—	11 511	11 790	207
25 to 29 percent	1 496	232	576	409	123	139	17	—	—	—	9 617	9 402	234
30 to 34 percent	1 030	95	621	217	60	37	—	—	—	—	8 173	8 497	209
35 to 49 percent	1 320	310	851	96	33	30	—	—	—	—	6 597	6 915	324
50 percent or more	1 815	1 474	313	25	3	—	—	—	—	—	3 165	3 387	1 418
Not computed	1 263	277	368	173	119	175	60	53	32	6	9 854	11 271	303
Median	24.6	50+	31.1	24.8	20.1	17.6	15.3	13.6	12.1	10—	...	...	50+

Table A—5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units -----	8 084	250	511	992	1 063	883	1 713	1 282	946	444	419
PERSONS IN UNIT											
1 person -----	344	42	44	53	43	14	70	33	24	21	338
2 persons -----	1 559	103	165	228	153	163	256	263	176	52	390
3 persons -----	1 752	44	108	190	252	205	346	270	240	97	420
4 persons -----	2 352	30	123	280	298	230	526	446	289	130	445
5 persons -----	1 264	19	41	154	211	163	298	163	143	72	413
6 persons -----	566	10	17	75	72	68	149	78	53	44	422
7 persons -----	180	2	9	12	18	38	54	13	14	20	419
8 or more persons -----	67	—	4	—	16	2	14	16	7	8	479
Median -----	3.66	2.31	2.93	3.59	3.78	3.76	3.85	3.67	3.61	3.90	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families -----	7 153	167	391	807	942	807	1 572	1 188	863	416	429
15 to 24 years -----	266	9	12	32	48	36	57	35	29	8	394
25 to 34 years -----	2 447	38	92	178	216	241	677	491	371	143	467
35 to 44 years -----	2 123	29	60	253	296	237	494	342	248	164	441
45 to 64 years -----	2 143	70	200	299	352	272	340	307	208	95	378
65 years and over -----	174	21	27	45	30	21	4	13	7	6	293
Male householder, no wife present -----	456	39	45	77	69	25	103	44	40	14	349
15 to 24 years -----	81	15	1	27	24	2	2	6	4	—	295
25 to 34 years -----	191	7	20	22	14	20	58	15	28	7	419
35 to 44 years -----	52	3	2	2	3	3	14	12	8	7	508
45 to 64 years -----	113	14	11	20	28	—	29	11	—	—	321
65 years and over -----	19	—	11	6	2	—	—	—	—	—	243
Female householder, no husband present -----	475	44	75	108	52	51	38	50	43	14	310
15 to 24 years -----	21	—	—	5	—	6	10	—	—	—	396
25 to 34 years -----	73	—	7	36	—	7	5	—	13	5	291
35 to 44 years -----	150	5	11	27	25	23	21	13	23	2	365
45 to 64 years -----	182	28	48	19	26	15	—	32	7	7	289
65 years and over -----	49	11	9	21	1	—	2	5	—	—	261
Median age -----	39.0	49.0	49.1	42.1	42.6	39.8	35.8	37.7	35.8	38.3	...
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980 -----	1 252	23	48	89	81	72	252	217	276	194	528
1975 to 1978 -----	3 344	75	119	236	303	316	877	735	502	181	472
1970 to 1974 -----	1 448	43	91	156	248	245	365	189	81	30	388
1960 to 1969 -----	1 589	58	162	412	371	233	167	99	56	31	322
1959 or earlier -----	451	51	91	99	60	17	52	42	31	8	292
ROOMS											
1 to 3 rooms -----	71	26	18	7	15	—	—	—	5	—	226
4 rooms -----	429	23	64	64	96	61	74	23	16	8	333
5 rooms -----	1 619	57	157	262	268	152	319	184	175	45	372
6 rooms -----	1 796	80	120	275	254	200	431	225	168	43	392
7 rooms -----	1 461	48	66	163	178	200	363	258	133	52	419
8 or more rooms -----	2 708	16	86	221	252	270	526	592	449	296	497
Median -----	6.6	5.7	5.6	6.1	6.1	6.6	6.6	7.3	7.3	8.3	...
YEAR STRUCTURE BUILT											
1975 to March 1980 -----	1 564	19	53	72	84	78	383	283	357	235	533
1970 to 1974 -----	841	4	18	47	80	111	204	162	150	65	480
1960 to 1969 -----	1 718	18	93	173	245	235	349	336	181	88	427
1950 to 1959 -----	1 236	22	90	253	165	151	225	201	107	22	379
1940 to 1949 -----	702	14	55	89	138	119	160	82	40	5	373
1939 or earlier -----	2 023	173	202	358	351	189	392	218	111	29	340
VALUE											
Less than \$10,000 -----	43	26	11	—	6	—	—	—	—	—	177
\$10,000 to \$19,999 -----	245	56	75	78	17	14	5	—	—	—	244
\$20,000 to \$29,999 -----	676	91	130	154	153	87	58	3	—	—	288
\$30,000 to \$39,999 -----	1 015	40	73	194	230	147	251	58	22	—	344
\$40,000 to \$49,999 -----	1 476	14	147	269	185	169	405	226	53	8	386
\$50,000 to \$59,999 -----	1 998	14	57	184	255	251	538	403	250	46	445
\$60,000 to \$79,999 -----	1 767	4	15	106	208	186	333	391	440	84	508
\$80,000 to \$99,999 -----	538	5	1	3	4	26	88	155	121	135	592
\$100,000 to \$149,999 -----	263	—	2	4	5	3	27	36	53	133	750+
\$150,000 or more -----	63	—	—	—	—	—	8	10	7	38	750+
Median -----	\$52 600	\$24 900	\$36 700	\$42 800	\$46 500	\$50 900	\$52 100	\$58 800	\$64 400	\$91 200	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 15 percent -----	1 823	144	245	436	314	248	196	133	77	30	314
15 to 19 percent -----	1 607	30	78	234	340	191	395	248	47	44	382
20 to 24 percent -----	1 600	18	58	132	174	217	466	315	157	63	440
25 to 29 percent -----	1 024	19	43	62	88	108	258	201	215	30	469
30 to 34 percent -----	727	12	22	34	16	44	171	179	164	85	536
35 percent or more -----	1 268	26	61	91	123	74	223	199	279	192	518
Not computed -----	35	1	4	3	8	1	4	7	7	—	406
Median -----	21.9	13.6	15.5	16.3	18.1	20.0	22.8	24.1	29.4	33.2	...
SELECTED CHARACTERISTICS											
Heating equipment -----	8 082	250	511	992	1 063	883	1 711	1 282	946	444	419
Steam or hot water system -----	861	11	41	100	127	94	167	202	70	49	435
Central warm-air furnace or electric heat pump -----	6 034	165	378	764	805	696	1 262	934	731	299	416
Other built-in electric units -----	792	18	49	44	82	54	215	118	130	82	470
Floor, wall, or pipeless furnace -----	40	12	8	7	9	2	2	—	—	—	250
Other means -----	355	44	35	77	40	37	65	28	15	14	327
Air conditioning -----	4 407	83	195	457	587	504	858	782	600	341	442
Central system -----	2 240	10	51	129	222	228	442	456	391	311	508
1 or more individual room units -----	2 167	73	144	328	365	276	416	326	209	30	381
House heating fuel -----	8 082	250	511	992	1 063	883	1 711	1 282	946	444	419
Utility gas -----	2 844	23	136	317	368	350	601	481	395	173	438
Bottled, tank, or LP gas -----	222	22	22	61	33	18	26	22	14	4	309
Electricity -----	1 802	38	63	90	151	110	454	299	357	240	499
Fuel oil, kerosene, etc. -----	3 083	144	278	485	499	390	620	467	173	27	367
Other -----	131	23	12	39	12	15	10	13	7	—	289

Table A—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA

	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
Specified owner-occupied housing units -----	5 503	47	208	608	1 040	861	1 712	596	431	150
PERSONS IN UNIT										
1 person -----	1 483	33	126	275	342	271	336	43	57	122
2 persons -----	2 449	5	66	242	498	410	786	251	191	150
3 persons -----	758	8	5	35	127	112	270	125	76	167
4 persons -----	415	—	2	23	24	46	162	88	70	185
5 persons -----	213	1	7	19	12	11	102	49	12	178
6 persons -----	133	—	2	11	28	8	44	30	10	170
7 persons -----	31	—	—	3	7	3	12	4	2	160
8 or more persons -----	21	—	—	—	2	—	—	6	13	250+
Median -----	2.02	1.21	1.33	1.62	1.86	1.89	2.16	2.53	2.33	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Married-couple families -----	3 438	14	55	287	594	457	1 219	483	329	163
15 to 24 years -----	10	3	3	—	2	2	—	—	—	67
25 to 34 years -----	139	5	—	23	16	20	54	17	4	155
35 to 44 years -----	166	4	2	12	18	30	68	9	23	163
45 to 64 years -----	1 755	—	12	108	221	201	696	276	241	174
65 years and over -----	1 368	2	38	144	337	204	401	181	61	145
Male householder, no wife present -----	488	11	74	100	83	86	105	29	—	118
15 to 24 years -----	13	—	—	—	3	8	—	2	—	136
25 to 34 years -----	22	2	—	—	5	—	7	8	—	179
35 to 44 years -----	21	—	6	4	—	—	9	2	—	153
45 to 64 years -----	134	—	24	11	15	39	39	6	—	136
65 years and over -----	298	9	44	85	60	39	50	11	—	105
Female householder, no husband present -----	1 577	22	79	221	363	318	388	84	102	133
15 to 24 years -----	2	—	—	—	—	—	2	—	—	175
25 to 34 years -----	12	—	4	—	3	5	—	—	—	117
35 to 44 years -----	27	—	—	—	8	6	5	8	—	148
45 to 64 years -----	470	—	17	21	91	105	163	26	47	150
65 years and over -----	1 066	22	58	200	261	202	218	50	55	124
Median age -----	64.9	73.9	70.9	70.5	69.2	65.7	61.8	60.9	59.0	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980 -----	115	4	3	21	17	21	44	5	—	140
1975 to 1978 -----	500	9	37	47	97	76	121	50	63	145
1970 to 1974 -----	624	17	29	59	151	89	208	38	33	141
1960 to 1969 -----	1 423	6	46	155	219	184	455	222	136	161
1959 or earlier -----	2 841	11	93	326	556	491	884	281	199	147
ROOMS										
1 to 3 rooms -----	250	22	36	77	65	6	38	5	1	97
4 rooms -----	896	4	73	163	236	143	228	20	29	122
5 rooms -----	1 684	4	54	206	335	304	521	173	87	145
6 rooms -----	1 263	10	21	97	258	210	433	161	73	154
7 rooms -----	697	4	13	48	99	136	256	70	71	159
8 or more rooms -----	713	3	11	17	47	62	236	167	170	196
Median -----	5.5	3.9	4.4	4.8	5.2	5.4	5.7	6.1	6.9	...
YEAR STRUCTURE BUILT										
1975 to March 1980 -----	157	—	5	22	29	35	33	13	20	141
1970 to 1974 -----	225	—	—	7	36	22	98	31	31	174
1960 to 1969 -----	530	4	7	29	52	53	180	130	75	183
1950 to 1959 -----	1 204	3	22	57	156	117	521	172	156	174
1940 to 1949 -----	611	11	15	84	131	55	249	51	15	152
1939 or earlier -----	2 776	29	159	409	636	579	631	199	134	132
VALUE										
Less than \$10,000 -----	326	24	51	90	92	40	23	6	—	99
\$10,000 to \$19,999 -----	879	8	100	223	239	172	113	13	11	111
\$20,000 to \$29,999 -----	980	8	41	129	301	224	234	28	15	126
\$30,000 to \$39,999 -----	988	4	10	109	206	190	347	84	38	147
\$40,000 to \$49,999 -----	1 042	—	4	34	131	171	464	179	59	170
\$50,000 to \$59,999 -----	562	3	2	10	37	34	294	128	54	183
\$60,000 to \$79,999 -----	534	—	—	9	20	18	200	129	158	208
\$80,000 to \$99,999 -----	119	—	—	4	12	7	28	16	52	227
\$100,000 to \$149,999 -----	49	—	—	—	2	5	7	11	24	248
\$150,000 or more -----	24	—	—	—	—	—	2	2	20	250+
Median -----	\$35 900	\$10 000	\$15 600	\$19 600	\$25 500	\$29 700	\$42 500	\$49 200	\$64 200	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent -----	1 978	33	52	190	352	289	685	229	148	155
10 to 14 percent -----	1 202	5	57	101	209	157	370	200	103	160
15 to 19 percent -----	704	3	34	66	115	142	244	50	50	149
20 to 24 percent -----	440	3	6	84	114	32	116	55	30	135
25 to 29 percent -----	323	3	21	57	77	82	55	26	2	126
30 to 34 percent -----	279	—	23	28	65	51	76	15	21	137
35 percent or more -----	547	—	15	77	108	93	164	21	69	145
Not computed -----	30	—	—	5	—	15	2	—	8	142
Median -----	13.2	10	14.6	15.8	14.0	14.3	12.3	11.7	13.1	...
SELECTED CHARACTERISTICS										
Heating equipment -----	5 503	47	208	608	1 040	861	1 712	596	431	150
Steam or hot water system -----	623	—	9	28	71	52	219	137	107	185
Central warm-air furnace or electric heat pump -----	3 814	34	83	370	665	651	1 309	400	302	154
Other built-in electric units -----	311	3	19	45	80	59	69	25	11	129
Floor, wall, or pipeless furnace -----	83	—	5	8	35	14	14	5	2	120
Other means -----	672	10	92	157	189	85	101	29	9	110
Air conditioning -----	2 389	8	34	132	375	356	874	353	257	167
Central system -----	783	3	—	32	72	95	298	128	155	182
1 or more individual room units -----	1 606	5	34	100	303	261	576	225	102	159
House heating fuel -----	5 503	47	208	608	1 040	861	1 712	596	431	150
Utility gas -----	1 404	—	17	99	224	180	525	209	150	167
Bottled, tank, or LP gas -----	234	18	22	39	54	38	41	19	3	118
Electricity -----	470	5	25	62	111	86	110	37	34	134
Fuel oil, kerosene, etc. -----	3 321	22	144	382	613	553	1 032	331	244	148
Other -----	74	2	—	26	38	4	—	—	—	106

Table A—7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Owner-occupied housing units						Renter-occupied housing units					
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
Occupied housing units	20 595	3 244	2 126	3 126	4 673	7 426	13 667	2 646	2 134	2 835	2 823	3 229
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	15 552	2 742	1 730	2 588	3 531	4 961	5 991	911	694	1 658	1 566	1 162
15 to 24 years	611	218	111	60	114	108	1 596	261	260	508	362	205
25 to 34 years	3 707	1 244	539	443	606	875	2 576	374	250	763	818	371
35 to 44 years	3 143	629	517	685	513	799	805	120	49	269	231	136
45 to 64 years	5 628	547	464	1 117	1 638	1 862	589	62	61	65	113	288
65 years and over	2 463	104	99	283	660	1 317	425	94	74	53	42	162
Male householder, no wife present	1 969	268	170	233	402	896	3 119	644	522	461	577	915
15 to 24 years	210	52	39	21	35	63	1 288	280	244	181	305	278
25 to 34 years	429	119	60	59	107	84	948	225	119	175	146	283
35 to 44 years	172	30	24	21	29	68	201	46	35	43	13	64
45 to 64 years	554	51	28	99	135	241	374	51	74	41	60	148
65 years and over	604	16	19	33	96	440	308	42	50	21	53	142
Female householder, no husband present	3 074	234	226	305	740	1 569	4 557	1 091	918	716	680	1 152
15 to 24 years	65	13	15	21	5	11	1 247	313	285	205	179	265
25 to 34 years	197	44	60	10	29	54	1 125	285	208	155	255	222
35 to 44 years	278	35	42	75	66	60	272	37	51	43	39	102
45 to 64 years	900	85	64	102	264	385	566	86	123	79	79	199
65 years and over	1 634	57	45	97	376	1 059	1 347	370	251	234	128	364
Median age	49.4	34.5	39.0	47.3	54.2	58.4	29.4	28.7	28.5	28.9	28.5	34.8
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	2 360	1 115	248	231	300	466	7 561	2 051	1 226	1 460	1 412	1 412
1975 to 1978	5 825	2 129	756	813	965	1 162	4 190	595	645	1 055	1 037	858
1970 to 1974	3 089	—	1 122	562	519	886	998	—	263	183	181	371
1960 to 1969	3 893	—	—	1 520	1 006	1 367	494	—	—	137	74	283
1959 or earlier	5 428	—	—	—	1 883	3 545	424	—	—	—	119	305
ROOMS												
1 room	23	2	2	7	8	4	419	35	87	53	73	171
2 rooms	84	2	8	14	17	43	1 178	153	207	235	264	319
3 rooms	521	52	43	71	111	244	2 993	836	585	537	364	671
4 rooms	2 620	457	291	316	682	874	3 640	910	779	660	664	627
5 rooms	5 188	925	625	779	1 394	1 465	2 726	373	335	769	741	508
6 rooms	4 465	644	410	544	1 067	1 800	1 539	171	90	405	435	438
7 or more rooms	7 694	1 162	747	1 395	1 394	2 996	1 172	168	51	176	282	495
Median	5.9	5.8	5.7	6.2	5.6	6.1	4.1	3.8	3.7	4.4	4.6	4.2
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	20 236	3 225	2 124	3 114	4 635	7 138	13 313	2 638	2 120	2 808	2 777	2 970
0.50 or less	12 992	1 841	1 167	1 862	3 166	4 956	7 915	1 673	1 368	1 377	1 447	2 050
0.51 to 1.00	6 853	1 323	883	1 195	1 401	2 051	5 019	895	723	1 314	1 242	845
1.01 to 1.50	353	61	72	46	64	110	285	45	23	117	57	43
1.51 or more	38	—	2	11	4	21	94	25	6	—	31	32
Lacking complete plumbing for exclusive use	359	19	2	12	38	288	354	8	14	27	46	259
0.50 or less	304	13	—	12	35	244	197	6	14	13	23	141
0.51 to 1.00	53	6	2	—	3	42	146	2	—	6	23	115
1.01 to 1.50	2	—	—	—	—	2	11	—	—	8	—	3
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
PERSONS IN UNIT												
1 person	3 108	275	195	295	716	1 627	4 814	980	929	703	777	1 425
2 persons	6 413	881	578	819	1 731	2 404	4 111	895	692	804	810	910
3 persons	3 776	682	361	579	907	1 247	2 049	424	288	515	448	374
4 persons	3 813	801	494	717	764	1 037	1 675	203	162	543	489	278
5 persons	2 020	343	278	454	353	592	677	100	49	195	207	126
6 or more persons	1 465	262	220	262	202	519	341	44	14	75	92	116
Median	2.71	3.18	3.30	3.28	2.44	2.37	1.99	1.88	1.70	2.39	2.28	1.71
Total persons	62 002	10 776	7 272	10 500	13 056	20 398	31 587	5 777	4 221	7 497	7 340	6 752
UNITS IN STRUCTURE												
1, detached or attached	17 451	2 172	1 351	2 647	4 351	6 930	3 001	177	135	520	786	1 383
2	698	72	26	84	187	329	2 105	174	148	585	704	494
3 and 4	244	57	25	30	45	87	1 731	108	107	472	531	513
5 to 9	120	20	10	21	33	36	1 779	367	175	316	511	410
10 to 49	327	202	58	38	8	21	3 994	1 493	1 185	683	221	412
50 or more	26	16	—	2	—	8	777	267	283	181	37	9
Mobile home or trailer, etc.	1 729	705	656	304	49	15	280	60	101	78	33	8
SELECTED CHARACTERISTICS												
Heating equipment	20 593	3 244	2 126	3 126	4 673	7 424	13 658	2 646	2 134	2 835	2 814	3 229
Steam or hot water system	2 069	59	41	544	494	931	3 341	479	632	692	485	1 053
Central warm-air furnace or electric heat pump	14 295	2 174	1 610	2 253	3 632	4 626	6 155	621	567	1 735	1 852	1 380
Other built-in electric units	1 901	859	323	136	175	408	3 004	1 529	858	244	134	239
Floor, wall, or pipeless furnace	189	12	9	21	31	116	150	3	23	37	29	58
Other means	2 139	140	143	172	341	1 343	1 008	14	54	127	314	499
Air conditioning	9 849	1 846	1 197	1 885	2 426	2 495	4 424	1 463	970	901	518	572
Central system	4 264	1 279	707	998	872	408	637	140	126	162	116	93
1 or more individual room units	5 585	567	490	887	1 554	2 087	3 787	1 323	844	739	402	479
House heating fuel	20 593	3 244	2 126	3 126	4 673	7 424	13 658	2 646	2 134	2 835	2 814	3 229
Utility gas	5 490	518	879	1 537	1 168	1 388	3 540	332	568	664	816	1 160
Bottled, tank, or LP gas	1 255	296	267	131	146	415	516	65	79	152	85	135
Electricity	3 753	2 084	476	261	337	597	3 915	1 992	1 026	424	168	305
Fuel oil, kerosene, etc.	9 638	278	464	1 165	2 942	4 789	5 175	217	375	1 394	1 667	1 522
Other	455	68	40	32	80	235	512	40	86	201	78	107
Income in 1979 below poverty level	1 612	170	173	159	274	836	2 943	637	506	571	442	787
Percent below poverty level	7.8	5.2	8.1	5.1	5.9	11.3	21.5	24.1	23.7	20.1	15.7	24.4
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	1 792	120	145	143	328	1 056	2 871	637	522	484	428	800
\$5,000 to \$9,999	2 777	260	221	289	550	1 457	3 796	584	636	783	801	992
\$10,000 to \$14,999	1 490	280	146	179	291	594	1 784	384	301	347	400	352
\$15,000 to \$19,999	1 332	180	139	168	307	538	1 318	251	161	382	315	209
\$20,000 to \$24,999	3 271	624	360	365	723	1 199	1 943	352	269	439	454	429
\$25,000 to \$29,999	3 236	640	339	447	804	1 006	980	244	93	171	243	229
\$30,000 to \$34,999	4 066	709	457	834	1 034	1 032	680	137	102	178	117	146
\$35,000 to \$49,999	1 746	292	220	443	442	349	205	46	20	42	52	45
\$50,000 or more	885	139	99	258	194	195	90	11	30	9	13	27
Median	\$19 433	\$21 125	\$20 657	\$24 639	\$20 805	\$15 268	\$10 233	\$10 664	\$9 268	\$11 084	\$11 141	\$8 973
Mean	\$21 838	\$23 344	\$24 062	\$26 895	\$22 793	\$17 814	\$11 912	\$11 947	\$11 336	\$12 323	\$12 614	\$11 289

Table A—8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA

	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units	20 595	17 451	1 415	1 729	13 667	3 001	2 105	1 731	1 779	3 994	777	280
C Condominium housing units	439	105	334	—	246	30	16	29	47	117	7	—
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	15 552	13 515	811	1 226	5 991	1 909	1 107	807	849	1 068	125	126
15 to 24 years	611	311	53	247	1 596	328	310	230	266	402	5	55
25 to 34 years	3 707	3 002	206	499	2 576	807	504	397	399	379	42	48
35 to 44 years	3 143	2 829	125	189	805	295	212	86	141	59	3	9
45 to 64 years	5 628	5 163	295	170	589	338	52	49	36	93	18	3
65 years and over	2 463	2 210	132	121	425	141	29	45	7	135	57	11
Male householder, no wife present	1 969	1 443	216	310	3 119	587	407	350	336	1 191	136	112
15 to 24 years	210	107	13	90	1 288	208	225	116	126	552	20	41
25 to 34 years	429	246	83	100	948	199	113	104	95	396	16	25
35 to 44 years	172	118	34	20	201	39	18	26	23	72	13	10
45 to 64 years	554	434	49	71	374	67	22	62	58	92	50	23
65 years and over	604	538	37	29	308	74	29	42	34	79	37	13
Female householder, no husband present	3 074	2 493	388	193	4 557	505	591	574	594	1 735	516	42
15 to 24 years	65	23	21	21	1 247	128	165	142	185	539	72	16
25 to 34 years	197	105	58	34	1 125	91	211	164	141	458	45	15
35 to 44 years	278	200	32	46	272	46	29	71	43	77	6	—
45 to 64 years	900	758	96	46	566	104	91	82	63	170	53	3
65 years and over	1 634	1 407	181	46	1 347	136	95	115	162	491	340	8
Median age	49.4	50.8	49.5	32.4	29.4	31.3	28.6	29.3	28.8	27.9	67.5	27.6
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	2 360	1 580	346	434	7 561	1 216	1 195	945	955	2 659	404	187
1975 to 1978	5 825	4 505	433	887	4 190	1 042	722	569	671	924	198	64
1970 to 1974	3 089	2 605	167	317	998	251	98	109	113	252	155	20
1960 to 1969	3 893	3 648	161	84	494	224	34	77	37	101	18	5
1959 or earlier	5 428	5 113	308	7	424	270	56	31	3	58	2	4
ROOMS												
1 room	23	14	—	9	419	6	14	46	86	169	92	6
2 rooms	84	56	4	24	1 178	67	133	147	240	483	95	13
3 rooms	521	358	37	126	2 993	222	327	251	388	1 307	454	44
4 rooms	2 620	1 653	359	608	3 640	455	490	608	395	1 463	104	125
5 rooms	5 188	4 067	372	749	2 726	854	634	360	307	486	20	65
6 rooms	4 465	4 004	309	152	1 539	658	302	244	219	77	12	27
7 or more rooms	7 694	7 299	334	61	1 172	739	205	75	144	9	—	—
Median	5.9	6.1	5.3	4.6	4.1	5.4	4.6	4.2	3.9	3.5	2.9	4.1
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	20 236	17 186	1 334	1 716	13 313	2 932	2 069	1 643	1 696	3 947	748	278
0.50 or less	12 992	11 085	1 014	893	7 915	1 658	1 120	919	929	2 631	501	157
0.51 to 1.00	6 853	5 781	314	758	5 019	1 171	901	664	701	1 244	234	104
1.01 to 1.50	353	287	6	60	285	85	48	48	44	45	4	11
1.51 or more	38	33	—	5	94	18	—	12	22	27	9	6
Lacking complete plumbing for exclusive use	359	265	81	13	354	69	36	88	83	47	29	2
0.50 or less	304	222	75	7	197	46	28	58	31	20	14	—
0.51 to 1.00	53	41	6	6	146	20	8	30	52	27	7	2
1.01 to 1.50	2	2	—	—	11	3	—	—	—	—	8	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
BEDROOMS												
None	33	24	—	9	533	19	16	69	113	218	92	6
1	728	533	105	90	4 254	384	533	409	671	1 675	554	28
2	5 206	3 667	642	897	4 985	844	700	743	473	1 940	114	171
3	9 149	7 965	467	717	3 023	1 231	728	408	409	155	17	75
4	4 403	4 249	138	16	754	423	116	96	113	6	—	—
5 or more	1 076	1 013	63	—	118	100	12	6	—	—	—	—
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	1 792	1 468	160	164	2 871	423	332	271	371	987	409	78
\$5,000 to \$9,999	2 777	2 246	175	356	3 796	683	552	576	601	1 135	180	69
\$10,000 to \$14,999	1 490	1 170	116	204	1 784	396	267	271	300	472	52	26
\$15,000 to \$19,999	1 332	1 056	80	196	1 318	277	204	180	175	407	51	24
\$20,000 to \$24,999	3 271	2 623	269	379	1 943	530	355	261	230	491	38	38
\$25,000 to \$29,999	3 236	2 818	150	268	980	297	189	108	75	266	14	31
\$30,000 to \$34,999	4 066	3 657	286	123	680	279	145	54	13	163	12	14
\$35,000 to \$49,999	1 746	1 576	136	34	205	81	55	3	6	43	17	—
\$50,000 or more	885	837	43	5	90	35	6	7	8	30	4	—
Median	\$19 433	\$20 263	\$18 221	\$14 292	\$10 233	\$12 491	\$11 578	\$10 171	\$9 400	\$9 400	\$4 820	\$9 300
Mean	\$21 838	\$22 388	\$23 460	\$14 958	\$11 912	\$14 490	\$13 215	\$11 426	\$10 014	\$11 183	\$8 013	\$10 771
SELECTED CHARACTERISTICS												
Heating equipment	20 593	17 449	1 415	1 729	13 658	3 001	2 105	1 731	1 779	3 994	777	271
Steam or hot water system	2 069	1 749	320	—	3 341	296	234	385	494	1 629	297	6
Central warm-air furnace or electric heat pump	14 295	12 117	742	1 436	6 155	1 852	1 412	1 043	766	791	92	199
Other built-in electric units	1 901	1 586	238	77	3 004	274	235	184	419	1 513	373	6
Floor, wall, or pipeless furnace	189	156	9	24	150	48	50	5	11	20	13	3
Other means	2 139	1 841	106	192	1 008	531	174	114	89	41	2	57
Air conditioning	9 849	8 223	811	815	4 424	724	415	305	358	2 210	354	58
Central system	4 264	3 671	330	263	637	184	117	18	32	210	57	19
Vehicles available	19 666	16 664	1 309	1 693	11 622	2 811	1 910	1 484	1 476	3 282	410	249
1	5 163	4 056	447	660	6 376	1 061	935	861	916	2 115	342	146
2 or more	14 503	12 608	862	1 033	5 246	1 750	975	623	560	1 167	68	103
House heating fuel	20 593	17 449	1 415	1 729	13 658	3 001	2 105	1 731	1 779	3 994	777	271
Utility gas	5 490	4 503	478	509	3 540	539	501	566	439	1 251	217	27
Bottled, tank, or LP gas	1 255	732	38	485	516	163	62	55	23	88	4	121
Electricity	3 755	3 163	371	221	3 915	425	338	247	533	1 928	420	24
Fuel oil, kerosene, etc.	9 638	8 646	509	483	5 175	1 761	1 158	821	692	566	79	98
Other	455	405	19	31	512	113	46	42	92	161	57	1
Water heating fuel	20 439	17 310	1 408	1 721	13 585	2 959	2 105	1 723	1 773	3 968	777	280
Utility gas	5 662	4 804	496	362	3 934	724	583	692	493	1 184	231	27
Bottled, tank, or LP gas	1 307	903	39	365	443	168	68	32	35	56	8	76
Electricity	12 964	11 137	839	988	8 033	1 811	1 276	883	1 069	2 372	450	172
Fuel oil, kerosene, etc.	483	443	34	6	889	229	151	86	125	245	48	5
Other	23	23	—	—	286	27	27	30	51	111	40	—
Family householder	17 177	14 874	953	1 350	7 443	2 190	1 337	1 038	1 024	1 520	184	150
With own children under 18 years	9 236	8 028	411	797	4 651	1 441	929	692	678	750	57	104
With own children under 6 years	3 809	3 113	197	499	3 060	831	589	486	467	571	31	85
Female householder, no husband present	1 070	881	112	77	1 265	212	221	219	144	389	59	21
With own children under 18 years	510	379	79	52	976	152	177	167	110	309	45	16
With own children under 6 years	83	52	19	12	526	49	69	90	76	216	19	7
Nonfamily householder	3 418	2 577	462	379	6 224	811	768	693	755	2 474	593	130
Income in 1979 below poverty level	1 612	1 292	145	175	2 943	505	417	270	390	985	299	77
Percent below poverty level	7.8	7.4	10.2	10.1	21.5	16.8	19.8	15.6	21.9	24.7	38.5	27.5

Table A—9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
Owner-occupied housing units	20 595	3 108	6 413	3 776	3 813	2 020	1 016	320	129	2.71	62 002
Nonrelatives present	542	—	256	128	52	55	27	13	11	2.62	1 701
ROOMS											
1 to 3 rooms	628	340	247	28	8	5	—	—	—	1.42	965
4 rooms	2 620	852	1 077	409	199	49	19	12	3	1.93	5 527
5 rooms	5 188	837	2 006	919	878	350	155	34	9	2.38	14 341
6 rooms	4 465	572	1 415	963	884	400	166	53	12	2.75	13 245
7 rooms	3 085	296	809	595	648	426	226	66	19	3.24	10 407
8 or more rooms	4 609	211	869	862	1 196	790	450	155	86	3.81	17 517
Median	5.9	4.9	5.4	6.1	6.4	7.0	7.2	7.4	8.4	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	20 236	2 950	6 272	3 740	3 796	2 016	1 016	320	126	2.74	61 366
1.00 or less	19 845	2 950	6 267	3 739	3 788	1 964	842	221	74	2.69	58 809
1.01 to 1.50	353	—	—	1	6	47	174	87	38	6.20	2 310
1.51 or more	38	—	5	—	2	5	—	12	14	7.08	247
Lacking complete plumbing for exclusive use	359	158	141	36	17	4	—	—	3	1.65	636
1.00 or less	357	158	141	36	17	2	—	—	3	1.65	622
1.01 to 1.50	2	—	—	—	—	2	—	—	—	5.00	14
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE											
1, detached or attached	17 451	2 412	5 298	3 163	3 381	1 822	953	293	129	2.82	53 233
2 or more	1 415	380	534	249	134	75	33	10	—	2.11	3 694
Mobile home or trailer, etc.	1 729	316	581	364	298	123	30	17	—	2.44	5 075
VALUE											
Specified owner-occupied housing units	13 587	1 827	4 008	2 510	2 767	1 477	699	211	88	2.88	41 210
Less than \$10,000	369	185	139	16	12	11	3	3	—	1.50	645
\$10,000 to \$19,999	1 124	385	461	97	90	45	28	18	—	1.88	2 395
\$20,000 to \$29,999	1 656	358	579	336	204	114	43	11	11	2.31	4 135
\$30,000 to \$39,999	2 003	296	656	369	352	209	78	36	7	2.63	5 662
\$40,000 to \$49,999	2 518	291	703	499	539	292	150	21	23	3.03	8 027
\$50,000 to \$59,999	2 560	184	636	498	697	297	189	51	8	3.42	8 582
\$60,000 to \$79,999	2 301	80	572	497	632	315	133	51	21	3.50	8 010
\$80,000 to \$99,999	657	31	169	146	131	130	41	7	2	3.38	2 260
\$100,000 to \$149,999	312	—	81	44	93	51	30	13	—	3.83	1 185
\$150,000 or more	87	17	12	8	13	4	—	—	16	3.88	309
Median	\$46 500	\$29 400	\$42 600	\$48 800	\$52 300	\$51 700	\$52 000	\$53 100	\$56 900	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	20 595	3 108	6 413	3 776	3 813	2 020	1 016	320	129	2.71	62 002
Median income	\$19 433	\$7 344	\$17 211	\$22 069	\$23 468	\$22 726	\$23 933	\$26 196	\$26 875	...	...
Median selected monthly owner costs as percentage of household income	18.8	26.9	15.7	17.7	20.0	19.5	18.3	17.4	18.5	...	...
With a mortgage	21.9	34.5	21.5	21.9	21.8	21.3	20.5	18.5	25.5	...	...
Not mortgaged	13.2	25.5	12.6	10—	10—	10—	10—	10—	10—	...	...
Income in 1979 below poverty level	1 612	583	346	166	194	140	117	42	24	2.14	...
Median income	\$3 207	\$2 571	\$3 172	\$3 723	\$2 981	\$5 526	\$5 912	\$7 667	\$10 250	...	...
Median selected monthly owner costs as percentage of household income	50+	49.2	40.5	50+	50+	50+	50+	50+	45.0	...	...
With a mortgage	50+	50+	50+	50+	50+	50+	50+	50+	45.0	...	...
Not mortgaged	41.7	47.5	33.2	30.0	28.1	12.5	31.7	27.0	—	...	...
Renter-occupied housing units	13 667	4 814	4 111	2 049	1 675	677	217	70	54	1.99	31 587
Nonrelatives present	1 604	—	1 177	282	52	47	5	18	23	2.18	3 979
ROOMS											
1 room	419	377	42	—	—	—	—	—	—	1.06	451
2 rooms	1 178	916	226	27	7	—	2	—	—	1.14	1 413
3 rooms	2 993	1 925	849	125	65	20	—	—	9	1.28	4 416
4 rooms	3 640	1 024	1 596	615	295	70	38	—	2	2.00	7 888
5 rooms	2 726	350	780	751	620	160	33	20	12	2.81	7 860
6 rooms	1 539	130	350	356	404	211	58	16	14	3.31	5 297
7 or more rooms	1 172	92	268	175	284	216	86	34	17	3.68	4 262
Median	4.1	3.1	4.1	4.8	5.3	5.9	6.1	6.4	5.8	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	13 313	4 566	4 061	2 012	1 663	673	214	70	54	2.01	31 085
1.00 or less	12 934	4 566	4 019	1 985	1 599	583	144	34	4	1.97	29 282
1.01 to 1.50	285	—	—	27	57	70	68	36	27	5.34	1 455
1.51 or more	94	—	42	—	7	20	2	—	23	4.21	348
Lacking complete plumbing for exclusive use	354	248	50	37	12	4	3	—	—	1.21	502
1.00 or less	343	248	50	37	4	4	—	—	—	1.19	460
1.01 to 1.50	11	—	—	—	8	—	3	—	—	4.19	42
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE											
1, detached or attached	3 001	589	837	554	563	278	113	49	18	2.63	8 770
2	2 105	550	596	437	355	123	21	16	7	2.34	5 497
3 and 4	1 731	541	528	226	272	108	37	5	14	2.11	4 208
5 to 9	1 779	624	482	277	257	113	20	—	6	2.05	4 207
10 to 49	3 994	1 872	1 422	441	205	39	15	—	—	1.59	7 178
50 or more	777	542	173	36	13	4	—	—	9	1.22	1 091
Mobile home or trailer, etc.	280	96	73	78	10	12	11	—	—	2.10	636
GROSS RENT											
Specified renter-occupied housing units	12 934	4 692	3 901	1 913	1 535	608	179	60	46	1.96	29 515
Less than \$100	1 226	937	191	68	25	5	—	—	—	1.15	1 548
\$100 to \$149	1 492	674	518	128	139	11	—	—	8	1.64	2 843
\$150 to \$199	2 555	1 171	801	290	208	71	14	—	—	1.63	4 680
\$200 to \$249	2 765	964	804	399	383	155	38	5	17	2.02	6 409
\$250 to \$299	1 838	493	664	340	201	77	41	16	6	2.14	4 449
\$300 to \$349	985	204	367	203	141	58	9	3	—	2.29	2 484
\$350 to \$399	565	29	204	132	87	75	17	21	—	2.88	1 931
\$400 to \$499	287	31	50	79	70	35	22	—	—	3.29	1 060
\$500 or more	115	8	15	11	48	22	—	5	6	3.99	479
No cash rent	1 106	181	287	263	233	99	24	10	9	2.82	3 632
Median	\$210	\$181	\$215	\$243	\$235	\$270	\$260	\$352	\$232	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	13 667	4 814	4 111	2 049	1 675	677	217	70	54	1.99	31 587
Median income	\$10 233	\$6 576	\$11 088	\$12 103	\$13 499	\$15 146	\$12 902	\$18 611	\$17 969	...	...
Median gross rent as percentage of household income	24.6	27.7	22.7	24.1	22.5	21.8	24.1	18.8	17.7	...	...
Income in 1979 below poverty level	2 943	1 342	825	319	264	113	76	2	2	1.66	...
Median income	\$3 202	\$2500—	\$3 666	\$4 352	\$5 503	\$6 107	\$8 312	\$8 750	\$11 250	...	...
Median gross rent as percentage of household income	50+	50+	50+	50+	44.0	40.0	38.4	—	—	...	...

Table A — 10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

	Married-couple families					Male householder, no wife present				Female householder, no husband present				Median age			
	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years		45 to 64 years	65 years and over	
The SMSA																	
Owner-occupied housing units	611	3 707	3 143	5 628	2 463	20 595	210	429	172	554	604	65	197	278	900	1 634	49.4
PERSONS IN UNIT																	
1 person	284	658	200	2 125	2 012	3 108	102	227	128	312	424	32	55	58	420	1 350	68.0
2 persons	202	340	363	1 508	340	6 413	63	147	17	151	130	9	45	63	278	231	60.2
3 persons	98	1 039	1 039	1 038	107	3 776	32	38	17	49	36	18	70	70	97	27	47.5
4 persons	25	591	850	453	4	2 020	10	2	2	34	7	6	19	60	44	—	38.5
5 persons	2	196	691	504	—	1 465	3	4	2	6	7	6	6	13	31	11	39.3
6 or more persons	2.61	3.71	4.47	2.96	2.11	62 002	1.55	1.44	1.17	1.39	1.21	1.56	2.47	2.76	1.61	1.11	42.6
Median	1 807	13 785	14 446	18 281	5 431		397	764	279	924	835	142	469	731	1 757	1 954	...
Total persons .....																	...
PLUMBING FACILITIES BY PERSONS PER ROOM																	
Complete plumbing for exclusive use	602	3 697	3 136	5 587	2 413	20 236	208	427	171	506	509	65	186	278	890	1 561	49.0
1.01 or more persons per room	391	84	166	109	5	359	3	—	—	—	—	—	1	2	11	3	40.9
Lacking complete plumbing for exclusive use	7	10	7	41	50	2	2	2	1	48	95	—	11	—	10	73	68.6
1.01 or more persons per room	—	—	—	2	—	—	—	—	—	—	—	—	—	—	—	—	62.5
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																	
Specified owner-occupied housing units	276	2 586	2 289	3 898	1 542	13 587	94	213	73	247	317	23	85	177	652	1 115	49.1
With a mortgage	266	2 447	2 123	3 885	1 74	8 084	81	191	52	113	19	21	73	150	182	49	39.0
Less than 15 percent	14	201	366	85	32	1 823	17	15	1	41	5	—	—	4	—	11	46.2
15 to 19 percent	88	447	519	432	24	1 607	11	21	13	14	1	—	—	15	20	2	39.3
20 to 24 percent	53	600	381	386	17	1 024	10	48	4	13	—	—	26	25	29	8	36.4
25 to 29 percent	28	416	272	151	43	727	12	20	11	23	12	—	—	24	10	2	36.0
30 to 34 percent	28	344	157	99	18	1 268	4	23	13	10	—	—	6	9	13	3	33.8
35 percent or more	54	431	207	203	40	—	27	58	10	12	1	21	31	73	77	23	35.3
Not computed	35	8	1	7	—	—	—	—	—	—	—	—	10	—	2	—	33.2
Median	21.9	24.8	19.6	17.3	26.6	21.9	26.0	27.1	28.6	20.6	26.5	50+	34.6	33.9	30.0	32.5	...
Not mortgaged	10	139	166	1 755	1 368	5 503	13	22	21	134	298	2	12	27	470	1 066	64.9
Less than 10 percent	8	65	109	996	466	1 978	8	10	8	54	48	2	7	2	99	96	60.2
10 to 14 percent	—	39	20	474	296	1 202	—	12	5	21	67	—	—	4	122	142	62.2
15 to 19 percent	—	24	23	128	232	704	—	—	2	9	60	—	5	18	79	124	67.6
20 to 24 percent	—	5	2	63	168	440	—	—	—	15	29	—	—	3	43	107	70.5
25 to 29 percent	—	—	2	32	70	323	—	—	1	—	28	—	—	—	33	157	73.1
30 to 34 percent	—	—	6	24	83	279	—	—	5	6	27	—	—	—	11	117	71.9
35 percent or more	2	—	2	38	53	547	—	—	—	15	39	—	—	—	75	323	74.0
Not computed	30	6	2	—	—	—	—	—	—	14	—	—	—	—	8	—	51.7
Median	10—	10.2	10—	10—	13.7	13.2	10—	10.4	12.5	11.4	17.8	10—	10—	17.1	15.6	27.0	...
Renter-occupied housing units	1 596	2 576	805	589	425	13 667	1 288	948	201	374	308	1 247	1 125	272	566	1 347	29.4
PERSONS IN UNIT																	
1 person	890	637	57	244	373	4 814	657	654	134	327	278	573	446	65	421	1 259	39.6
2 persons	464	617	139	136	47	4 111	462	243	46	35	23	518	358	79	69	77	26.0
3 persons	200	873	315	100	—	2 049	127	41	4	10	7	128	200	68	55	6	27.7
4 persons	677	335	189	59	—	1 675	29	10	10	2	—	10	77	41	5	5	31.0
5 persons	42	114	105	50	5	677	—	—	7	—	—	9	30	1	3	—	33.0
6 or more persons	341	3.54	4.16	2.87	2.07	3 341	13	—	—	1.07	1.05	9	14	18	13	—	36.1
Median	2.40	3.54	4.16	2.87	2.07	3 341	1.48	1.22	1.25	1.07	1.05	1.60	1.83	2.40	1.17	1.03	...
Total persons	4 303	9 074	3 464	1 907	902	31 587	2 105	1 341	294	399	328	2 258	2 273	685	798	1 456	...
PLUMBING FACILITIES BY PERSONS PER ROOM																	
Complete plumbing for exclusive use	1 583	2 553	786	581	411	13 313	1 254	914	199	333	268	1 222	1 112	256	555	1 286	29.2
1.01 or more persons per room	46	138	61	36	13	379	19	10	—	—	—	9	19	21	7	—	32.2
Lacking complete plumbing for exclusive use	13	23	19	8	—	354	34	34	2	41	40	25	13	16	11	61	44.4
1.01 or more persons per room	—	—	—	—	—	11	—	—	—	—	—	—	—	—	—	—	31.6
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																	
Specified renter-occupied housing units	1 527	2 381	717	471	361	12 934	1 244	920	197	342	272	1 242	1 120	272	547	1 321	29.1
Less than 15 percent	266	504	165	121	31	1 951	122	195	46	104	29	29	123	24	44	148	30.2
15 to 19 percent	266	492	181	107	61	2 098	184	235	36	62	32	104	160	31	44	148	29.2
20 to 24 percent	201	425	99	61	—	1 961	171	152	36	75	29	108	167	40	94	242	30.1
25 to 29 percent	226	240	58	23	20	1 496	122	63	5	32	48	98	166	53	84	218	29.6
30 to 34 percent	173	141	21	20	28	1 030	147	75	20	—	2	158	94	32	35	84	26.0
35 to 49 percent	115	123	40	41	43	1 320	192	51	14	8	35	221	130	34	82	191	27.9
50 percent or more	90	83	8	18	31	1 815	211	94	24	27	70	484	258	37	107	273	27.3
Not computed	190	373	145	80	46	1 263	95	55	7	34	27	40	22	21	57	71	29.8
Median	23.4	20.1	18.3	18.5	25.4	24.6	29.0	20.1	20.6	19.0	28.4	40.6	28.0	27.9	28.8	28.2	...

Table A—11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

The SMSA	Total	Male householder						Female householder					
		Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
Owner-occupied housing units	3 108	1 193	102	227	128	312	424	1 915	32	55	58	420	1 350
PLUMBING FACILITIES													
Complete plumbing for exclusive use	2 950	1 093	100	225	127	287	354	1 857	32	55	58	414	1 298
Lacking complete plumbing for exclusive use	158	100	2	2	1	25	70	58	—	—	—	6	52
UNITS IN STRUCTURE													
1, detached or attached	2 412	858	42	141	81	229	365	1 554	12	23	34	343	1 142
2 or more	380	134	8	36	33	25	32	246	5	22	4	53	162
Mobile home or trailer, etc.	316	201	52	50	14	58	27	115	15	10	20	24	46
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	1 013	289	12	20	14	83	160	724	14	—	—	103	607
\$5,000 to \$9,999	958	298	43	26	16	56	157	660	16	8	26	153	457
\$10,000 to \$12,499	276	118	33	23	7	29	26	158	—	9	5	54	90
\$12,500 to \$14,999	179	91	10	38	3	19	21	88	—	5	6	25	52
\$15,000 to \$19,999	343	175	4	84	34	32	21	168	—	33	7	49	79
\$20,000 to \$24,999	129	77	—	11	16	36	14	52	—	—	14	13	25
\$25,000 to \$34,999	155	106	—	22	31	37	16	49	2	—	—	15	32
\$35,000 to \$49,999	32	24	—	3	—	12	9	8	—	—	—	8	—
\$50,000 or more	23	15	—	—	7	8	—	8	—	—	—	—	8
Median	\$7 344	\$10 201	\$9 630	\$15 369	\$18 750	\$11 466	\$6 193	\$6 377	\$5 313	\$16 058	\$11 500	\$8 544	\$5 536
Mean	\$11 468	\$12 526	\$8 971	\$14 813	\$20 135	\$14 300	\$8 556	\$10 809	\$6 808	\$14 793	\$12 847	\$10 137	\$10 863
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units	1 827	563	42	122	55	120	224	1 264	12	14	26	300	912
With a mortgage	344	225	40	108	38	39	—	119	10	7	20	56	26
Less than \$200	42	17	9	—	3	5	—	25	—	—	3	11	11
\$200 to \$249	44	13	—	4	—	9	—	31	—	—	2	27	2
\$250 to \$299	53	35	16	13	—	6	—	18	—	5	—	7	6
\$300 to \$349	43	34	13	9	—	12	—	9	—	—	7	2	—
\$350 to \$399	14	12	2	7	3	—	—	2	—	—	—	2	—
\$400 to \$499	70	56	—	42	12	2	—	14	10	2	—	—	2
\$500 to \$599	33	20	—	8	7	5	—	13	—	—	8	—	5
\$600 to \$749	24	24	—	18	6	—	—	—	—	—	—	—	—
\$750 or more	21	14	—	7	7	—	—	7	—	—	—	7	—
Median	\$338	\$403	\$284	\$448	\$514	\$296	—	\$260	\$475	\$285	\$336	\$231	\$250
Not mortgaged	1 483	338	2	14	17	81	224	1 145	2	7	6	244	886
Less than \$50	33	11	—	2	—	—	9	22	—	—	—	—	22
\$50 to \$74	126	64	—	—	6	18	40	62	—	2	—	6	54
\$75 to \$99	275	72	—	—	4	8	60	203	—	—	—	16	187
\$100 to \$124	342	67	—	5	—	13	49	275	—	—	6	53	216
\$125 to \$149	271	54	—	—	—	30	24	217	—	5	—	44	168
\$150 to \$199	336	60	—	7	7	12	34	276	2	—	—	102	172
\$200 to \$249	43	10	2	—	—	—	8	33	—	—	—	7	26
\$250 or more	57	—	—	—	—	—	—	57	—	—	—	16	41
Median	\$122	\$108	\$225	\$137	\$91	\$126	\$102	\$126	\$175	\$132	\$113	\$151	\$121
SELECTED CHARACTERISTICS													
Median selected monthly owner costs as percentage of household income in 1979	26.9	24.2	36.8	31.7	30.1	19.2	19.7	27.7	50+	20.0	27.0	22.7	28.6
With a mortgage	34.5	32.8	37.1	34.0	31.5	23.9	—	45.4	50+	23.5	28.5	50+	45.0
Not mortgaged	25.5	18.0	22.5	12.1	10.8	12.5	19.7	27.0	10—	16.5	17.5	20.4	28.4
Income in 1979 below poverty level	583	172	6	20	11	41	94	411	4	—	—	76	331
Percent below poverty level	18.8	14.4	5.9	8.8	8.6	13.1	22.2	21.5	12.5	—	—	18.1	24.5
Renter-occupied housing units	4 814	2 050	657	654	134	327	278	2 764	573	446	65	421	1 259
PLUMBING FACILITIES													
Complete plumbing for exclusive use	4 566	1 915	626	625	132	289	243	2 651	551	433	51	416	1 200
Lacking complete plumbing for exclusive use	248	135	31	29	2	38	35	113	22	13	14	5	59
UNITS IN STRUCTURE													
1, detached or attached	589	361	108	120	16	54	63	228	51	12	—	47	118
2	550	262	135	74	16	13	24	288	90	45	8	58	87
3 and 4	541	253	54	76	22	62	39	288	55	73	7	59	94
5 to 9	624	242	78	69	13	51	31	382	91	55	26	58	152
10 to 49	1 872	745	263	278	45	86	73	1 127	257	232	24	148	466
50 or more	542	110	4	16	13	40	37	432	25	25	—	48	334
Mobile home or trailer, etc.	96	77	15	21	9	21	11	19	4	4	—	3	8
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	1 877	560	194	108	16	70	172	1 317	259	73	22	147	816
\$5,000 to \$9,999	1 533	648	202	207	53	117	69	885	232	173	21	169	290
\$10,000 to \$12,499	481	277	143	65	9	40	20	204	50	90	—	23	41
\$12,500 to \$14,999	339	204	71	106	14	13	—	135	7	47	7	34	40
\$15,000 to \$19,999	357	208	39	114	15	36	4	149	25	50	9	25	40
\$20,000 to \$24,999	132	90	—	34	21	24	11	42	—	13	6	16	7
\$25,000 to \$34,999	62	39	8	10	6	13	2	23	—	—	—	7	16
\$35,000 to \$49,999	14	5	—	3	—	2	—	9	—	—	—	—	9
\$50,000 or more	19	19	—	7	—	12	—	—	—	—	—	—	—
Median	\$6 576	\$8 543	\$8 082	\$10 462	\$9 706	\$8 951	\$4 365	\$5 321	\$5 458	\$9 487	\$6 875	\$6 512	\$4 152
Mean	\$8 109	\$9 988	\$8 337	\$11 446	\$11 631	\$13 205	\$5 887	\$6 715	\$5 492	\$9 578	\$8 993	\$7 870	\$5 754
GROSS RENT													
Specified renter-occupied housing units	4 692	1 964	636	636	134	307	251	2 728	568	444	65	411	1 240
Less than \$100	937	276	43	42	2	95	94	661	14	25	21	53	548
\$100 to \$149	674	347	124	81	57	23	62	327	83	31	7	44	162
\$150 to \$199	1 171	558	202	221	31	83	21	613	184	109	13	122	185
\$200 to \$249	964	394	153	160	7	48	26	570	210	132	4	86	138
\$250 to \$299	493	185	56	66	28	26	9	308	45	119	12	46	86
\$300 to \$349	204	72	27	22	3	12	8	132	17	23	—	31	61
\$350 to \$399	29	12	—	6	—	—	6	17	—	5	8	—	4
\$400 to \$499	31	22	14	8	—	—	—	9	—	—	—	9	—
\$500 or more	8	—	—	—	—	—	—	8	8	—	—	—	—
No cash rent	181	98	17	30	6	20	25	83	7	—	—	20	56
Median	\$181	\$183	\$190	\$193	\$154	\$168	\$114	\$178	\$200	\$225	\$168	\$191	\$112
SELECTED CHARACTERISTICS													
Median gross rent as percentage of household income in 1979	27.7	23.8	30.4	21.6	19.1	19.2	28.6	29.6	44.2	27.3	23.1	27.9	28.4
Income in 1979 below poverty level	1 342	385	131	95	16	42	101	957	233	47	8	111	558
Percent below poverty level	27.9	18.8	19.9	14.5	11.9	12.8	36.3	34.6	40.7	10.5	12.3	26.4	44.3

Table A —12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA					The SMSA				
	Total	Less than 2 months	2 up to 6 months	6 or more months		Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units -----	673	115	194	364	Vacant for rent housing units -----	1 762	831	559	372
ROOMS					ROOMS				
1 to 3 rooms -----	45	1	7	37	1 room -----	71	55	16	—
4 rooms -----	259	33	146	80	2 rooms -----	112	64	30	18
5 rooms -----	174	37	13	124	3 rooms -----	530	244	207	79
6 rooms -----	81	11	22	48	4 rooms -----	620	341	166	113
7 rooms -----	49	28	5	16	5 rooms -----	199	73	65	61
8 or more rooms -----	65	5	1	59	6 rooms -----	169	49	48	72
Median -----	4.7	5.1	4.1	5.0	7 or more rooms -----	61	5	27	29
					Median -----	3.8	3.7	3.7	4.3
PLUMBING FACILITIES					PLUMBING FACILITIES				
Complete plumbing for exclusive use -----	640	114	189	337	Complete plumbing for exclusive use -----	1 690	804	527	359
Lacking complete plumbing for exclusive use -----	33	1	5	27	Lacking complete plumbing for exclusive use -----	72	27	32	13
BEDROOMS					BEDROOMS				
None -----	—	—	—	—	None -----	88	64	17	7
1 -----	42	—	4	38	1 -----	659	347	224	88
2 -----	376	39	152	185	2 -----	716	323	237	156
3 -----	190	74	34	82	3 -----	264	88	74	102
4 -----	58	2	4	52	4 -----	28	9	1	18
5 or more -----	7	—	—	7	5 or more -----	7	—	6	1
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1975 to March 1980 -----	375	66	123	186	1975 to March 1980 -----	607	330	152	125
1970 to 1974 -----	56	17	16	23	1970 to 1974 -----	315	132	99	84
1960 to 1969 -----	31	6	8	17	1960 to 1969 -----	146	74	50	22
1950 to 1959 -----	26	8	12	6	1950 to 1959 -----	124	65	31	28
1940 to 1949 -----	34	2	3	29	1940 to 1949 -----	89	39	43	7
1939 or earlier -----	151	16	32	103	1939 or earlier -----	481	191	184	106
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1, detached or attached -----	246	32	48	166	1, detached or attached -----	255	68	92	95
2 or more -----	362	51	144	167	2 -----	178	78	62	38
Mobile home or trailer -----	65	32	2	31	3 and 4 -----	215	110	97	8
					5 to 9 -----	220	138	47	35
HEATING EQUIPMENT					10 to 49 -----	631	388	160	83
Central heating system -----	605	98	181	326	50 or more -----	39	16	22	1
Other means -----	60	12	10	38	Mobile home or trailer -----	224	33	79	112
None -----	8	5	3	—					
PRICE ASKED					RENT ASKED				
Specified vacant for sale only housing units -----	216	30	40	146	Specified vacant for rent housing units -----	1 734	826	553	355
Less than \$10,000 -----	21	1	2	18	Less than \$100 -----	322	121	83	118
\$10,000 to \$19,999 -----	28	1	—	27	\$100 to \$149 -----	364	156	131	77
\$20,000 to \$29,999 -----	32	5	12	15	\$150 to \$199 -----	416	193	174	49
\$30,000 to \$39,999 -----	25	9	8	8	\$200 to \$249 -----	306	191	74	41
\$40,000 to \$49,999 -----	31	5	9	17	\$250 to \$299 -----	269	138	81	50
\$50,000 to \$59,999 -----	29	—	3	26	\$300 to \$399 -----	52	24	10	18
\$60,000 to \$79,999 -----	33	7	6	20	\$400 or more -----	5	3	—	2
\$80,000 to \$99,999 -----	14	2	—	12	Median -----	\$166	\$185	\$163	\$136
\$100,000 or more -----	3	—	—	3					
Median -----	\$40 800	\$39 400	\$33 800	\$42 500					

Table A —13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Price asked—Specified vacant for sale only housing units								Rent asked—Specified vacant for rent housing units							
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)		Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)
The SMSA															
Total -----	216	21	60	56	76	3	40 800	1 734	322	780	575	52	5	166	
PLUMBING FACILITIES															
Complete plumbing for exclusive use -----	209	18	56	56	76	3	42 300	1 672	273	767	575	52	5	169	
Lacking complete plumbing for exclusive use -----	7	3	4	—	—	—	18 800	62	49	13	—	—	—	85	
BEDROOMS															
None -----	—	—	—	—	—	—	—	87	39	48	—	—	—	105	
1 -----	5	—	5	—	—	—	14 200	659	65	430	164	—	—	161	
2 -----	51	21	19	5	6	—	16 900	705	127	228	315	35	—	196	
3 -----	99	—	20	41	36	2	46 600	252	89	73	71	17	2	149	
4 -----	58	—	14	10	34	—	56 700	25	2	1	19	—	3	263	
5 or more -----	3	—	2	—	—	1	13 800	6	—	—	6	—	—	238	
YEAR STRUCTURE BUILT															
1975 to March 1980 -----	60	—	—	5	53	2	64 600	607	144	162	288	10	3	199	
1970 to 1974 -----	12	—	—	5	6	1	62 500	315	62	129	102	22	—	172	
1960 to 1969 -----	8	—	2	—	6	—	56 700	144	18	89	32	5	—	169	
1950 to 1959 -----	16	1	3	10	2	—	45 700	124	3	80	41	—	—	180	
1940 to 1949 -----	29	—	7	14	8	—	41 300	84	6	52	22	4	—	152	
1939 or earlier -----	91	20	48	22	1	—	20 600	460	89	268	90	11	2	140	
UNITS IN STRUCTURE															
1, detached or attached -----	216	21	60	56	76	3	40 800	227	61	81	66	16	3	159	
2 or more -----	...	...	...	...	...	...	...	1 283	120	616	509	36	2	184	
Mobile home or trailer -----	...	...	...	...	...	...	...	224	141	83	—	—	—	80	

Table B-1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Grand Forks city	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units	6 257	9	131	495	879	1 256	1 469	1 385	400	174	59	52 200	55 200
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	5 013	—	33	278	576	1 032	1 277	1 233	373	169	42	54 300	57 800
15 to 24 years	140	—	—	8	50	24	39	19	—	—	—	43 200	46 000
25 to 34 years	1 238	—	6	47	121	287	371	318	67	21	—	53 300	55 400
35 to 44 years	1 118	—	—	29	112	165	306	299	134	58	15	58 500	64 200
45 to 64 years	1 944	—	17	57	192	396	480	546	151	78	27	56 400	60 500
65 years and over	573	—	10	137	101	160	81	51	21	12	—	42 200	44 200
Male householder, no wife present	375	—	20	72	87	78	67	38	13	—	—	41 400	43 700
15 to 24 years	52	—	—	24	18	10	—	—	—	—	—	35 600	33 800
25 to 34 years	125	—	—	21	28	12	38	26	—	—	—	51 100	48 000
35 to 44 years	32	—	—	—	—	14	5	—	13	—	—	57 000	66 500
45 to 64 years	98	—	—	22	36	16	12	12	—	—	—	37 900	41 100
65 years and over	68	—	20	5	5	26	12	—	—	—	—	41 000	36 300
Female householder, no husband present	869	9	78	145	216	146	125	114	14	5	17	39 500	45 000
15 to 24 years	15	—	—	5	—	10	—	—	—	—	—	46 300	38 800
25 to 34 years	39	—	—	—	8	7	6	13	—	5	—	58 800	63 500
35 to 44 years	102	—	—	6	28	9	16	43	—	—	—	55 000	51 000
45 to 64 years	266	—	22	30	47	60	68	25	14	—	—	45 000	45 000
65 years and over	447	9	56	104	133	60	35	33	—	—	17	35 000	42 200
Median age	47.3	82.5	68.8	64.5	51.8	48.9	43.7	44.3	44.2	45.4	48.5	...	...
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	720	—	3	43	85	147	168	162	81	25	6	54 200	59 200
1975 to 1978	1 722	—	7	78	175	285	431	487	161	82	16	57 400	61 500
1970 to 1974	976	9	9	65	106	190	277	222	84	7	7	53 600	55 000
1960 to 1969	1 385	—	9	115	176	303	349	337	41	32	23	52 400	55 600
1959 or earlier	1 454	—	103	194	337	331	244	177	33	28	7	42 500	45 300
ROOMS													
1 to 3 rooms	119	9	26	42	25	4	—	13	—	—	—	24 600	28 000
4 rooms	531	—	23	141	149	133	59	20	6	—	—	37 100	38 100
5 rooms	1 457	—	44	135	291	374	418	160	18	7	10	47 400	47 900
6 rooms	1 311	—	32	111	206	356	318	229	59	—	—	48 500	49 100
7 rooms	939	—	6	36	129	235	217	236	65	15	—	52 400	54 100
8 or more rooms	1 900	—	30	79	154	457	727	252	152	49	65	300	71 900
Median	6.3	3.0	4.9	5.0	5.4	5.8	6.3	7.6	7.9	8.5+	8.5+	...	...
BEDROOMS													
None	—	—	—	—	—	—	—	—	—	—	—	—	—
1	147	9	16	60	25	17	—	8	6	—	6	28 100	39 900
2	1 261	—	97	222	371	279	183	89	10	—	10	38 700	41 400
3	2 877	—	18	200	372	654	860	604	118	51	—	51 900	52 600
4	1 555	—	—	13	96	249	357	541	211	76	12	62 100	65 600
5 or more	417	—	—	—	15	57	69	143	55	47	31	67 100	80 900
YEAR STRUCTURE BUILT													
1975 to March 1980	709	—	3	—	30	27	190	278	101	66	14	65 800	73 100
1970 to 1974	473	—	13	—	—	62	153	150	74	21	—	60 900	64 500
1960 to 1969	1 343	—	—	11	17	243	458	389	153	47	25	58 900	66 000
1950 to 1959	1 239	—	—	28	116	328	383	310	46	23	5	53 100	56 000
1940 to 1949	756	9	9	104	216	260	80	73	—	5	—	41 300	42 400
1939 or earlier	1 737	—	106	352	500	336	205	185	26	12	15	38 300	41 900
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	237	—	48	44	32	47	28	28	—	—	10	38 600	46 400
\$5,000 to \$9,999	528	9	25	141	130	109	51	50	13	—	—	37 500	39 400
\$10,000 to \$12,499	283	—	29	40	72	40	57	33	7	5	—	40 100	44 100
\$12,500 to \$14,999	251	—	7	27	77	35	52	40	13	—	—	42 400	46 700
\$15,000 to \$19,999	846	—	13	72	213	211	207	104	5	14	7	46 300	48 400
\$20,000 to \$24,999	1 147	—	—	57	199	329	316	217	22	7	—	49 700	50 500
\$25,000 to \$34,999	1 747	—	9	107	136	367	516	455	125	6	26	54 700	57 400
\$35,000 to \$49,999	808	—	—	7	13	108	183	347	110	40	—	63 900	66 700
\$50,000 or more	410	—	—	—	7	10	59	111	105	102	16	82 800	88 200
Median	\$24 289	\$6 250	\$7 431	\$14 583	\$17 362	\$22 435	\$25 326	\$29 418	\$36 008	\$58 621	\$30 884	...	...
Mean	\$26 671	\$5 840	\$9 623	\$15 717	\$18 346	\$22 808	\$26 670	\$31 120	\$40 941	\$70 814	\$34 469	...	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	4 224	—	10	240	444	749	1 161	1 072	350	156	42	55 800	59 400
Less than 15 percent	927	—	10	50	83	159	226	231	89	71	8	57 800	62 100
15 to 19 percent	845	—	—	56	74	155	201	274	52	33	—	56 300	58 100
20 to 24 percent	825	—	—	23	78	141	328	175	73	7	—	55 200	57 000
25 to 29 percent	504	—	—	39	67	98	121	140	26	—	13	53 300	56 400
30 to 34 percent	383	—	—	14	46	85	103	56	55	19	5	54 200	60 700
35 percent or more	733	—	—	58	96	111	182	189	55	26	16	55 700	61 300
Not computed	7	—	—	—	—	—	—	7	—	—	—	72 500	72 500
Median	22.0	—	12.5	23.0	24.2	22.1	22.3	20.8	22.3	16.1	30.0	...	...
Not mortgaged	2 033	9	121	255	435	507	308	313	50	18	17	43 500	46 400
Less than 10 percent	757	9	16	78	119	209	153	127	28	18	—	47 200	48 800
10 to 14 percent	442	—	3	51	100	118	54	101	15	—	—	46 300	48 300
15 to 19 percent	276	—	36	24	82	56	36	42	—	—	—	39 500	41 000
20 to 24 percent	141	—	6	5	66	20	20	17	7	—	—	39 100	46 400
25 to 29 percent	114	—	20	49	21	7	17	—	—	—	—	28 000	29 900
30 to 34 percent	114	—	31	26	26	25	6	—	—	—	—	32 500	31 500
35 percent or more	181	—	9	22	21	64	22	26	—	—	17	45 100	60 200
Not computed	8	—	—	—	—	8	—	—	—	—	—	47 500	47 500
Median	12.9	10—	24.6	14.9	14.9	11.7	10.1	11.5	10—	10—	50+	...	...
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	6 238	9	125	488	879	1 256	1 469	1 385	400	174	53	52 300	55 000
1.01 or more persons per room	75	—	—	—	11	38	16	10	—	—	—	46 400	47 600
Lacking complete plumbing for exclusive use	19	—	6	7	—	—	—	—	—	—	6	26 300	93 800
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment	6 257	9	131	495	879	1 256	1 469	1 385	400	174	59	52 200	55 200
Central heating system	5 997	9	73	468	813	1 201	1 443	1 380	394	165	51	52 800	55 600
Air conditioning	3 585	—	26	180	479	588	891	922	296	152	51	55 000	59 800
Central system	1 788	—	—	63	76	203	430	584	253	135	44	63 200	69 900
Income in 1979 below poverty level	173	—	21	42	6	27	28	39	—	—	10	48 200	55 400
Percent below poverty level	2.8	—	16.0	8.5	0.7	2.1	1.9	2.8	—	—	16.9	...	...

Table B—2. Gross Rent of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Grand Forks city

	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units.....	7 435	749	1 040	1 395	1 391	1 248	687	444	232	70	179	215
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families.....	2 327	108	453	289	316	412	247	234	150	35	83	243
15 to 24 years.....	733	47	219	104	126	118	46	48	15	—	10	197
25 to 34 years.....	922	23	197	134	110	177	106	74	78	—	23	244
35 to 44 years.....	180	—	7	5	32	27	17	42	31	15	4	350
45 to 64 years.....	315	3	20	16	13	64	66	56	26	20	31	320
65 years and over.....	177	35	10	30	35	26	12	14	—	—	15	205
Male householder, no wife present.....	2 025	172	248	502	429	297	178	110	47	4	38	207
15 to 24 years.....	861	27	124	199	207	144	76	51	19	—	14	219
25 to 34 years.....	698	31	62	197	159	91	76	53	13	4	12	213
35 to 44 years.....	120	—	30	24	7	37	7	—	15	—	—	221
45 to 64 years.....	209	66	6	70	26	18	11	—	—	—	12	176
65 years and over.....	137	48	26	12	30	7	8	6	—	—	—	141
Female householder, no husband present.....	3 083	469	339	604	646	539	262	100	35	31	58	207
15 to 24 years.....	924	59	86	191	317	140	65	28	11	14	13	216
25 to 34 years.....	885	85	137	120	167	233	74	42	15	12	—	234
35 to 44 years.....	207	36	11	39	18	44	11	26	—	5	17	222
45 to 64 years.....	373	33	23	120	76	54	42	—	9	—	16	202
65 years and over.....	694	256	82	134	68	68	70	4	—	—	12	151
Median age.....	28.4	58.8	26.9	27.9	25.7	28.1	29.8	28.5	29.0	37.8	43.2	...
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980.....	4 597	309	565	827	994	819	452	313	180	66	72	225
1975 to 1978.....	1 945	240	370	382	287	309	175	101	45	4	32	197
1970 to 1974.....	505	147	61	80	55	64	52	12	3	—	31	170
1960 to 1969.....	219	47	16	68	42	36	—	5	—	—	5	169
1959 or earlier.....	169	6	28	38	13	20	8	13	4	—	39	167
ROOMS												
1 room.....	245	133	66	42	—	—	—	—	—	—	4	97
2 rooms.....	772	112	158	296	155	9	14	21	—	—	7	172
3 rooms.....	2 020	281	262	560	547	214	100	8	6	—	42	194
4 rooms.....	2 441	174	382	363	418	655	253	126	38	—	32	237
5 rooms.....	1 146	38	139	83	217	250	198	141	52	8	20	277
6 rooms.....	477	11	21	35	32	93	83	89	75	24	14	324
7 or more rooms.....	334	—	12	16	22	27	39	59	61	38	60	368
Median.....	3.8	3.0	3.6	3.1	3.5	4.1	4.4	5.0	5.8	6.6	4.7	...
PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979												
All income levels in 1979.....	7 435	749	1 040	1 395	1 391	1 248	687	444	232	70	179	215
Complete plumbing for exclusive use.....	7 266	627	1 016	1 384	1 379	1 248	687	444	232	70	179	217
0.50 or less.....	4 755	426	555	1 022	988	832	443	235	80	44	130	215
0.51 to 1.00.....	2 327	185	457	343	370	364	219	186	142	21	40	218
1.01 to 1.50.....	136	—	—	7	21	52	18	23	10	5	—	289
1.51 or more.....	48	16	4	12	—	—	7	—	—	—	9	139
Lacking complete plumbing for exclusive use.....	169	122	24	11	12	—	—	—	—	—	—	93
0.50 or less.....	91	58	21	6	6	—	—	—	—	—	—	97
0.51 to 1.00.....	78	64	3	5	6	—	—	—	—	—	—	85
1.01 to 1.50.....	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more.....	—	—	—	—	—	—	—	—	—	—	—	—
Income in 1979 below poverty level.....	1 749	369	263	322	298	268	97	60	37	17	18	191
Complete plumbing for exclusive use.....	1 706	344	251	322	292	268	97	60	37	17	18	192
1.01 or more persons per room.....	74	8	4	7	11	31	5	4	4	—	—	266
Lacking complete plumbing for exclusive use.....	43	25	12	—	6	—	—	—	—	—	—	98
1.01 or more persons per room.....	—	—	—	—	—	—	—	—	—	—	—	—
BEDROOMS												
None.....	332	156	96	65	8	3	—	—	—	—	4	106
1.....	2 852	355	437	981	721	181	92	31	6	—	48	183
2.....	3 296	198	447	310	606	930	482	213	59	3	48	253
3.....	798	40	54	31	48	128	103	177	131	45	41	338
4.....	151	—	6	8	8	6	10	23	30	22	38	390
5 or more.....	6	—	—	—	—	—	—	—	6	—	—	450
UNITS IN STRUCTURE												
1, detached or attached.....	971	20	92	70	140	144	123	128	125	53	76	295
2.....	1 125	81	118	202	236	128	97	146	67	9	41	229
3 and 4.....	916	50	172	225	118	250	61	33	—	—	7	206
5 to 9.....	812	103	194	231	144	77	44	12	—	3	4	172
10 to 49.....	3 213	353	395	654	694	607	333	112	40	5	20	213
50 or more.....	367	142	69	6	59	27	29	8	—	—	27	122
Mobile home or trailer, etc.....	31	—	—	7	—	15	—	5	—	—	4	268
YEAR STRUCTURE BUILT												
1975 to March 1980.....	1 700	214	106	177	315	372	251	162	88	15	—	256
1970 to 1974.....	1 431	153	233	207	347	272	118	40	22	15	24	215
1960 to 1969.....	1 344	88	291	244	263	237	88	73	38	4	18	207
1950 to 1959.....	862	30	98	169	163	126	96	89	24	11	56	232
1940 to 1949.....	605	104	80	135	113	50	52	16	36	—	19	190
1939 or earlier.....	1 493	160	232	463	190	191	82	64	24	25	62	179
STORIES IN STRUCTURE												
1 to 3.....	7 274	742	1 028	1 330	1 367	1 227	670	444	228	70	168	215
4 or more.....	161	7	12	65	24	21	17	—	4	—	11	186
With elevator.....	34	—	—	—	—	14	9	—	4	—	7	299
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979												
Less than 15 percent.....	1 176	207	273	253	131	170	79	49	14	—	...	170
15 to 19 percent.....	1 254	134	216	177	256	217	150	72	27	5	...	219
20 to 24 percent.....	1 160	194	148	177	220	181	113	67	47	13	...	216
25 to 29 percent.....	924	116	92	206	192	150	71	68	29	—	...	213
30 to 34 percent.....	616	31	63	140	116	112	79	40	35	—	...	228
35 to 49 percent.....	835	27	90	145	199	168	82	67	40	17	...	238
50 percent or more.....	1 212	33	149	291	252	223	113	76	40	35	...	224
Not computed.....	258	7	9	6	25	27	—	5	—	—	179	229
Median.....	25.0	20.8	20.9	27.1	27.0	26.4	25.1	27.3	29.8	50.0	...	...
SELECTED CHARACTERISTICS												
Heating equipment.....	7 435	749	1 040	1 395	1 391	1 248	687	444	232	70	179	215
Central heating system.....	7 108	669	1 026	1 332	1 334	1 221	661	417	223	64	161	215
Air conditioning.....	2 882	141	174	369	650	778	397	194	55	47	77	254
Central system.....	402	13	44	62	57	71	40	27	27	31	30	259

Table B—3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

Grand Forks city	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Owner-occupied housing units	8 109	394	767	425	372	1 196	1 440	2 109	948	458	23 068	25 797	331
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	6 171	74	300	247	234	925	1 252	1 855	850	434	25 258	28 347	105
15 to 24 years	267	7	7	20	27	65	54	63	24	—	20 493	21 556	7
25 to 34 years	1 582	5	28	44	73	349	444	458	125	56	23 319	24 981	5
35 to 44 years	1 326	12	32	17	18	224	239	455	234	95	27 811	31 872	38
45 to 64 years	2 260	15	72	64	33	192	432	782	406	264	28 941	32 653	31
65 years and over	736	35	161	102	83	95	83	97	61	19	14 608	18 472	24
Male householder, no wife present	658	43	85	31	49	125	99	149	64	13	19 787	20 707	27
15 to 24 years	98	10	27	15	5	18	12	5	6	—	12 000	14 376	13
25 to 34 years	238	4	9	16	14	80	28	65	22	—	19 286	21 569	4
35 to 44 years	53	—	—	—	—	15	18	13	—	7	23 646	27 991	—
45 to 64 years	163	7	21	—	6	12	41	53	17	6	23 854	24 257	—
65 years and over	106	22	28	—	24	—	—	13	19	—	12 813	15 525	10
Female householder, no husband present	1 280	277	382	147	89	146	89	105	34	11	9 735	16 121	199
15 to 24 years	57	17	27	—	13	—	—	—	—	—	6 065	6 986	25
25 to 34 years	112	25	18	18	8	38	—	5	—	—	11 806	11 366	30
35 to 44 years	158	14	48	11	25	23	34	—	3	—	13 100	13 331	34
45 to 64 years	376	46	108	62	24	49	11	58	13	5	11 371	15 100	46
65 years and over	577	175	181	56	19	36	44	42	18	6	7 554	19 375	64
Median age	46.2	68.4	63.8	58.2	46.2	36.3	41.9	44.8	48.1	49.4	...	...	48.4
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	1 177	25	62	75	82	275	247	262	115	34	21 259	23 374	53
1975 to 1978	2 461	58	197	113	86	397	463	671	348	128	24 165	26 442	79
1970 to 1974	1 232	41	70	35	25	191	233	403	174	60	25 486	26 826	52
1960 to 1969	1 570	71	117	63	79	151	265	524	171	129	25 744	27 655	64
1959 or earlier	1 669	199	321	139	100	182	232	249	140	107	17 420	24 047	83
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	8 062	383	747	425	372	1 196	1 436	2 097	948	458	23 098	25 867	320
1.01 or more persons per room	116	—	21	13	8	11	20	22	15	6	20 833	23 867	20
Lacking complete plumbing for exclusive use	47	11	20	—	—	—	4	12	—	—	7 232	13 728	11
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment	8 109	394	767	425	372	1 196	1 440	2 109	948	458	23 068	25 797	331
Central heating system	7 767	348	690	388	348	1 142	1 422	2 042	939	448	23 360	26 213	303
Air conditioning	4 763	179	283	246	201	679	894	1 328	609	344	24 428	27 294	160
Central system	2 332	67	118	96	76	276	354	746	383	216	27 307	30 477	61
Vehicles available	7 797	274	673	362	372	1 183	1 440	2 093	948	452	23 548	25 870	288
1	2 197	229	405	174	195	418	338	305	98	35	16 284	17 333	186
2 or more	5 600	45	268	188	177	765	1 102	1 788	850	417	26 245	29 219	102
House heating fuel	8 109	394	767	425	372	1 196	1 440	2 109	948	458	23 068	25 797	331
Utility gas	3 844	137	339	202	142	599	661	941	554	269	23 670	28 208	151
Bottled, tank, or LP gas	105	8	45	4	7	15	15	11	—	—	9 943	13 065	4
Electricity	1 200	57	74	52	27	190	259	337	156	48	23 771	25 251	70
Fuel oil, kerosene, etc.	2 907	192	302	167	192	380	500	801	238	135	22 461	23 328	106
Other	53	—	7	—	4	12	5	19	—	6	24 250	23 926	—
Median rooms	6.0	5.2	5.0	5.1	5.0	5.7	5.7	6.5	7.1	8.2	...	...	5.3
Specified owner-occupied housing units	6 257	237	528	283	251	846	1 147	1 747	808	410	24 289	26 671	173
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
With a mortgage	4 224	68	158	102	130	611	859	1 367	607	322	26 080	29 210	98
Less than \$200	41	—	14	—	—	—	13	14	—	—	22 679	18 758	—
\$200 to \$249	137	21	7	5	8	19	28	42	7	—	21 012	19 678	21
\$250 to \$299	381	—	26	7	8	69	107	126	32	6	23 342	24 922	11
\$300 to \$349	515	16	35	10	30	56	94	214	54	6	25 607	24 810	9
\$350 to \$399	458	7	11	11	14	85	109	113	54	54	23 333	29 399	10
\$400 to \$499	823	5	22	25	25	180	173	284	91	18	24 486	25 047	17
\$500 to \$599	825	6	18	16	14	83	168	290	158	72	27 074	31 739	6
\$600 to \$749	705	13	11	—	25	81	142	212	146	75	26 589	31 949	24
\$750 or more	339	—	14	28	6	38	25	72	65	91	29 550	43 831	—
Median	\$471	\$341	\$346	\$482	\$460	\$453	\$434	\$452	\$541	\$610	...	...	\$390
Not mortgaged	2 033	169	370	181	121	235	288	380	201	88	18 937	21 394	75
Less than \$50	9	—	9	—	—	—	—	—	—	—	6 250	5 840	—
\$50 to \$74	19	19	—	—	—	—	—	—	—	—	3 750	3 277	12
\$75 to \$99	72	33	23	—	7	9	—	—	—	—	5 682	7 229	13
\$100 to \$124	174	36	60	20	—	6	33	6	13	—	9 167	13 455	3
\$125 to \$149	222	21	70	29	32	24	32	8	6	—	11 724	12 957	8
\$150 to \$199	861	35	150	86	68	115	108	215	71	13	19 227	20 831	21
\$200 to \$249	367	—	20	32	7	51	99	96	58	4	23 406	25 025	—
\$250 or more	309	25	38	14	7	30	16	55	53	71	29 083	34 050	18
Median	\$180	\$123	\$158	\$174	\$166	\$184	\$187	\$191	\$209	\$250+	...	...	\$154
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	4 224	68	158	102	130	611	859	1 367	607	322	26 080	29 210	98
Less than 15 percent	927	—	—	—	—	10	70	374	221	252	35 470	46 270	—
15 to 19 percent	845	—	—	—	—	58	191	354	205	37	28 949	31 005	—
20 to 24 percent	825	—	—	—	16	99	230	332	142	6	26 278	27 199	—
25 to 29 percent	504	—	7	12	30	121	118	191	19	6	23 696	23 717	—
30 to 34 percent	383	—	7	—	14	91	143	95	20	13	22 855	24 000	—
35 percent or more	733	61	144	90	70	232	107	21	—	8	15 026	14 607	91
Not computed	7	7	—	—	—	—	—	—	—	—	2500—	—	7
Median	22.0	50+	50+	50+	40.0	31.0	23.7	19.4	17.0	10.7	...	...	50+
Not mortgaged	2 033	169	370	181	121	235	288	380	201	88	18 937	21 394	75
Less than 10 percent	757	—	9	—	7	33	130	303	187	88	31 313	35 487	—
10 to 14 percent	442	—	20	26	41	127	137	77	14	—	20 236	20 581	—
15 to 19 percent	276	7	46	92	59	60	12	—	—	—	12 310	12 994	—
20 to 24 percent	141	—	66	44	14	8	9	—	—	—	10 256	10 935	—
25 to 29 percent	114	32	77	5	—	—	—	—	—	—	6 116	6 287	6
30 to 34 percent	114	39	68	7	—	—	—	—	—	—	5 750	6 074	12
35 percent or more	181	83	84	7	—	7	—	—	—	—	5 323	5 507	49
Not computed	8	8	—	—	—	—	—	—	—	—	2500—	—	8
Median	12.9	37.1	27.9	18.5	16.1	13.3	10.5	10—	10—	10—	...	...	50+

Table B—4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.)

Grand Forks city	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Medion (dollars)	Mean (dollars)	
Renter-occupied housing units -----	7 468	1 654	2 109	883	713	1 070	515	349	112	63	9 931	11 800	1 758
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families -----	2 357	137	509	316	305	540	208	219	90	33	14 275	16 150	208
15 to 24 years -----	733	45	228	172	103	130	18	31	6	—	11 359	12 183	83
25 to 34 years -----	949	42	151	105	143	286	113	101	—	8	15 493	15 953	77
35 to 44 years -----	183	—	26	4	20	54	15	40	19	5	18 698	21 749	—
45 to 64 years -----	315	12	44	22	12	57	40	47	61	20	22 386	25 531	23
65 years and over -----	177	38	60	13	27	13	22	—	4	—	9 010	11 153	25
Male householder, no wife present -----	2 025	387	551	247	227	272	207	82	22	30	10 754	12 507	416
15 to 24 years -----	861	192	232	153	95	120	51	7	11	—	10 106	10 425	244
25 to 34 years -----	698	78	162	55	107	129	96	53	5	13	13 762	14 567	82
35 to 44 years -----	120	11	34	5	19	8	30	13	—	—	13 816	14 601	19
45 to 64 years -----	209	38	76	20	6	15	22	9	6	17	9 358	16 921	32
65 years and over -----	137	68	47	14	—	—	8	—	—	—	5 043	6 532	39
Female householder, no husband present -----	3 086	1 130	1 049	320	181	258	100	48	—	—	6 894	8 012	1 134
15 to 24 years -----	924	364	337	100	57	46	15	5	—	—	6 289	6 905	468
25 to 34 years -----	885	214	311	126	69	106	42	17	—	—	8 780	9 401	267
35 to 44 years -----	207	60	53	36	14	38	6	—	—	—	8 750	9 675	56
45 to 64 years -----	376	113	150	38	24	31	16	4	—	—	7 180	8 356	92
65 years and over -----	694	379	198	20	17	37	21	22	—	—	4 712	7 035	251
Median age -----	28.4	30.0	27.9	25.4	27.2	28.4	29.5	31.8	49.7	52.7	...	...	26.5
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980 -----	4 618	1 011	1 349	586	431	646	314	193	41	47	9 800	11 594	1 219
1975 to 1978 -----	1 957	363	505	227	232	339	140	104	37	10	11 217	12 419	333
1970 to 1974 -----	505	145	149	35	34	52	19	42	23	6	8 114	12 513	104
1960 to 1969 -----	219	83	55	27	11	7	20	5	11	—	7 543	10 292	69
1959 or earlier -----	169	52	51	8	5	26	22	5	—	—	8 458	10 064	33
PLUMBING FACILITIES BY PERSONS PER ROOM													
Complete plumbing for exclusive use -----	7 299	1 567	2 052	875	713	1 053	515	349	112	63	10 087	11 930	1 715
0.50 or less -----	4 764	1 207	1 359	530	404	631	324	218	38	53	9 341	11 406	1 102
0.51 to 1.00 -----	2 345	326	649	311	285	406	177	107	74	10	11 588	12 956	533
1.01 to 1.50 -----	142	22	29	27	15	16	9	24	—	—	11 852	13 264	68
1.51 or more -----	48	12	15	7	9	—	5	—	—	—	8 929	9 766	12
Lacking complete plumbing for exclusive use -----	169	87	57	8	—	17	—	—	—	—	4 899	6 185	43
0.50 or less -----	91	51	34	—	—	6	—	—	—	—	4 694	5 593	21
0.51 to 1.00 -----	78	36	23	8	—	11	—	—	—	—	6 071	6 877	22
1.01 to 1.50 -----	—	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more -----	—	—	—	—	—	—	—	—	—	—	—	—	—
SELECTED CHARACTERISTICS													
Heating equipment -----	7 468	1 654	2 109	883	713	1 070	515	349	112	63	9 931	11 800	1 758
Central heating system -----	7 141	1 589	2 022	820	689	1 021	498	341	105	56	9 898	11 770	1 686
Air conditioning -----	2 891	475	660	333	352	535	252	188	52	44	12 331	13 828	527
Central system -----	408	77	103	29	53	58	31	29	12	16	12 069	15 756	82
Vehicles available -----	6 285	980	1 764	816	679	1 048	502	333	107	56	11 221	12 852	1 222
1 -----	3 758	829	1 299	476	449	440	185	50	12	18	9 021	10 072	864
2 or more -----	2 527	151	465	340	230	608	317	283	95	38	15 578	16 986	358
House heating fuel -----	7 468	1 654	2 109	883	713	1 070	515	349	112	63	9 931	11 800	1 758
Utility gas -----	2 746	623	788	314	238	350	209	155	47	22	9 789	12 064	637
Bottled, tank, or LP gas -----	112	6	28	14	44	10	10	—	—	—	12 955	12 298	17
Electricity -----	2 615	656	666	318	249	359	165	132	42	28	9 865	11 587	683
Fuel oil, kerosene, etc. -----	1 580	330	454	185	115	289	120	57	23	7	10 081	11 695	360
Other -----	415	39	173	52	67	62	11	5	—	6	9 864	11 654	61
Median rooms -----	3.8	3.3	3.5	3.9	3.8	4.2	4.5	4.6	4.8	3.9	...	...	3.5
Specified renter-occupied housing units -----	7 435	1 645	2 109	883	707	1 061	512	343	112	63	9 913	11 786	1 749
CONTRACT RENT													
Less than \$100 -----	876	477	263	29	30	54	9	14	—	—	4 735	6 206	397
\$100 to \$149 -----	1 428	338	598	186	100	121	39	39	7	—	8 198	9 065	331
\$150 to \$199 -----	1 854	400	653	236	164	238	99	31	9	24	8 971	10 784	430
\$200 to \$249 -----	1 559	252	317	231	191	319	128	91	20	10	12 278	13 177	324
\$250 to \$299 -----	1 002	136	178	133	139	194	125	59	24	14	13 471	14 588	196
\$300 to \$349 -----	328	14	31	34	21	70	72	50	36	—	19 615	20 376	30
\$350 to \$399 -----	154	—	10	13	24	32	31	31	4	9	19 667	22 959	5
\$400 to \$499 -----	36	9	5	6	—	3	—	13	—	—	11 667	15 781	14
\$500 or more -----	19	4	7	—	—	—	—	3	5	—	9 464	21 058	4
No cash rent -----	179	15	47	15	38	30	9	12	7	6	13 322	16 258	18
Median -----	\$183	\$150	\$164	\$197	\$208	\$220	\$240	\$244	\$287	\$236	...	...	\$167
GROSS RENT													
Less than \$100 -----	749	439	220	17	25	30	9	9	—	—	4 535	5 728	369
\$100 to \$149 -----	1 040	273	413	167	73	90	19	5	—	—	7 769	8 333	263
\$150 to \$199 -----	1 395	343	574	107	142	122	67	21	5	14	8 312	9 772	322
\$200 to \$249 -----	1 391	248	408	241	185	201	81	22	—	5	10 410	10 739	298
\$250 to \$299 -----	1 248	187	257	172	130	273	109	80	16	24	12 654	14 242	268
\$300 to \$349 -----	687	62	110	92	41	157	117	81	22	5	16 458	16 517	97
\$350 to \$399 -----	444	57	37	49	41	96	61	59	35	9	16 759	18 741	60
\$400 to \$499 -----	232	4	36	12	32	45	40	41	22	—	18 796	19 854	37
\$500 or more -----	70	17	7	11	—	17	—	13	5	—	13 750	16 383	17
No cash rent -----	179	15	47	15	38	30	9	12	7	6	13 322	16 258	18
Median -----	\$215	\$164	\$188	\$231	\$228	\$263	\$288	\$318	\$364	\$263	...	...	\$191
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
Less than 15 percent -----	1 176	11	106	103	122	265	226	194	92	57	19 576	22 509	26
15 to 19 percent -----	1 254	64	205	140	196	355	179	102	13	—	15 282	15 598	82
20 to 24 percent -----	1 160	150	321	161	173	237	83	35	—	—	11 693	12 122	135
25 to 29 percent -----	924	121	363	208	95	122	15	—	—	—	9 766	9 832	156
30 to 34 percent -----	616	51	319	161	50	35	—	—	—	—	8 960	8 980	104
35 to 49 percent -----	835	163	538	84	33	17	—	—	—	—	7 128	7 382	157
50 percent or more -----	1 212	991	210	11	—	—	—	—	—	—	3 028	3 226	992
Not computed -----	256	94	47	15	38	30	9	12	7	6	8 800	11 049	97
Median -----	25.0	50+	30.6	25.7	20.5	18.5	15.7	14.0	12.2	10—	...	...	50+

Table B — 5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Grand Forks city	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units	4 224	41	137	381	515	458	823	825	705	339	471
PERSONS IN UNIT											
1 person	183	7	23	9	29	7	38	25	24	21	459
2 persons	816	34	54	59	97	90	155	152	143	32	454
3 persons	1 089	—	24	106	145	143	178	211	209	73	475
4 persons	1 201	—	30	118	114	124	232	299	178	106	492
5 persons	570	—	6	50	96	51	136	81	103	47	448
6 persons	244	—	—	32	23	21	59	38	37	34	473
7 persons	82	—	—	7	11	22	13	5	6	18	406
8 or more persons	39	—	—	—	—	—	12	5	5	8	554
Median	3.52	1.90	2.34	3.64	3.41	3.42	3.67	3.58	3.39	3.91	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families	3 725	20	92	323	427	404	756	760	630	313	479
15 to 24 years	140	—	—	8	27	—	44	29	24	8	476
25 to 34 years	1 208	—	11	51	57	126	298	280	286	99	522
35 to 44 years	1 088	—	22	95	130	121	218	224	153	125	482
45 to 64 years	1 197	5	52	149	188	149	196	216	167	75	430
65 years and over	92	15	7	20	25	8	—	11	—	6	308
Male householder, no wife present	240	21	5	21	49	16	51	29	34	14	413
15 to 24 years	44	7	—	9	18	—	—	6	4	—	317
25 to 34 years	110	7	5	7	5	16	39	—	24	7	442
35 to 44 years	25	—	—	—	—	—	—	12	6	7	612
45 to 64 years	56	7	—	—	26	—	12	11	—	—	340
65 years and over	5	—	—	5	—	—	—	—	—	—	275
Female householder, no husband present	259	—	40	37	39	38	16	36	41	12	368
15 to 24 years	15	—	—	5	—	—	10	—	—	—	463
25 to 34 years	39	—	7	8	—	6	—	—	13	5	388
35 to 44 years	94	—	—	18	20	19	6	8	23	—	374
45 to 64 years	100	—	33	—	19	13	—	23	5	7	345
65 years and over	11	—	—	6	—	—	—	5	—	—	296
Median age	39.9	49.6	56.5	44.2	45.0	41.7	35.8	39.8	35.1	39.5	...
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980	706	5	—	12	41	29	132	137	203	147	598
1975 to 1978	1 600	7	17	34	88	141	373	432	363	145	532
1970 to 1974	793	9	35	65	117	121	221	144	63	18	419
1960 to 1969	883	6	42	225	237	152	79	72	47	23	336
1959 or earlier	242	14	43	45	32	15	18	40	29	6	330
ROOMS											
1 to 3 rooms	42	16	6	—	15	—	—	—	5	—	242
4 rooms	211	—	25	25	46	33	55	5	16	6	364
5 rooms	813	13	60	111	127	68	158	94	139	43	418
6 rooms	866	12	19	109	116	96	223	141	127	23	440
7 rooms	694	—	5	39	87	112	157	183	73	38	466
8 or more rooms	1 598	—	22	97	124	149	230	402	345	229	544
Median	6.8	4.8	5.1	6.0	6.1	6.8	6.4	7.4	7.4	8.3	...
YEAR STRUCTURE BUILT											
1975 to March 1980	694	5	5	—	27	13	133	107	233	171	637
1970 to 1974	404	—	7	—	19	52	76	90	111	49	553
1960 to 1969	1 107	—	19	94	139	170	205	261	143	76	466
1950 to 1959	688	—	41	128	101	77	100	134	89	18	398
1940 to 1949	478	—	35	54	72	82	136	56	38	5	398
1939 or earlier	853	36	30	105	157	64	173	177	91	20	415
VALUE											
Less than \$10,000	—	—	—	—	—	—	—	—	—	—	—
\$10,000 to \$19,999	10	—	10	—	—	—	—	—	—	—	225
\$20,000 to \$29,999	240	29	22	45	92	37	15	—	—	—	313
\$30,000 to \$39,999	444	7	38	63	80	47	142	47	20	—	386
\$40,000 to \$49,999	749	—	50	114	84	74	204	179	38	6	429
\$50,000 to \$59,999	1 161	—	10	111	136	159	260	246	202	37	465
\$60,000 to \$79,999	1 072	—	7	48	123	124	136	241	327	66	541
\$80,000 to \$99,999	350	5	—	—	—	17	51	92	80	105	619
\$100,000 to \$149,999	156	—	—	—	—	—	15	12	31	98	750+
\$150,000 or more	42	—	—	—	—	—	—	8	7	27	750+
Median	\$55 800	\$25 900	\$39 800	\$47 100	\$50 100	\$54 400	\$51 800	\$58 000	\$63 200	\$90 300	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 15 percent	927	27	87	193	193	161	79	91	70	26	341
15 to 19 percent	845	—	9	114	174	93	202	180	41	32	412
20 to 24 percent	825	—	8	41	52	104	252	200	124	44	480
25 to 29 percent	504	7	5	7	35	51	98	134	143	24	537
30 to 34 percent	383	7	—	—	—	20	68	100	115	73	596
35 percent or more	733	—	28	26	61	29	124	120	205	140	582
Not computed	7	—	—	—	—	—	—	—	7	—	675
Median	22.0	10—	13.4	14.9	16.9	18.7	22.6	23.5	29.0	33.0	...
SELECTED CHARACTERISTICS											
Heating equipment	4 224	41	137	381	515	458	823	825	705	339	471
Steam or hot water system	525	6	4	49	66	60	73	157	65	45	503
Central warm-air furnace or electric heat pump	3 325	21	128	306	414	377	681	613	572	213	460
Other built-in electric units	234	—	5	11	19	—	32	37	63	67	631
Floor, wall, or pipeless furnace	12	7	—	—	5	—	—	—	—	—	193
Other means	128	7	—	15	11	21	37	18	5	14	464
Air conditioning	2 573	20	66	200	296	289	421	560	452	269	499
Central system	1 417	5	21	48	153	127	208	296	311	248	549
1 or more individual room units	1 156	15	45	152	143	162	213	264	141	21	428
House heating fuel	4 224	41	137	381	515	458	823	825	705	339	471
Utility gas	2 151	9	72	222	228	249	410	428	368	165	474
Battled, tank, or LP gas	12	—	—	—	—	—	—	7	5	—	586
Electricity	676	5	5	11	48	16	108	112	216	155	623
Fuel oil, kerosene, etc.	1 342	20	60	141	235	181	305	265	116	19	410
Other	43	7	—	7	4	12	—	13	—	—	365

Table B—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Grand Forks city	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
Specified owner-occupied housing units	2 033	9	19	72	174	222	861	367	309	180
PERSONS IN UNIT										
1 person	511	9	19	50	79	93	187	27	47	151
2 persons	880	—	—	13	70	96	407	156	138	182
3 persons	317	—	—	—	18	22	137	78	62	193
4 persons	183	—	—	—	—	11	70	52	50	210
5 persons	85	—	—	9	—	—	44	26	6	188
6 persons	45	—	—	—	7	—	10	28	—	210
7 persons	6	—	—	—	—	—	6	—	—	175
8 or more persons	6	—	—	—	—	—	—	—	6	250+
Median	2.07	1.00	1.00	1.22	1.61	1.69	2.10	2.51	2.28	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Married-couple families	1 288	—	—	6	71	87	605	286	233	190
15 to 24 years	—	—	—	—	—	—	—	—	—	—
25 to 34 years	30	—	—	—	—	11	13	6	—	165
35 to 44 years	30	—	—	—	—	—	15	—	15	225
45 to 64 years	747	—	—	—	25	31	353	169	169	195
65 years and over	481	—	—	6	46	45	224	111	49	182
Male householder, no wife present	135	—	7	18	12	28	56	14	—	152
15 to 24 years	8	—	—	—	—	8	—	—	—	138
25 to 34 years	15	—	—	—	—	—	7	8	—	203
35 to 44 years	7	—	—	—	—	—	7	—	—	175
45 to 64 years	42	—	—	—	7	8	21	6	—	164
65 years and over	63	—	7	18	5	12	21	—	—	128
Female householder, no husband present	610	9	12	48	91	107	200	67	76	159
15 to 24 years	—	—	—	—	—	—	—	—	—	—
25 to 34 years	—	—	—	—	—	—	—	—	—	—
35 to 44 years	8	—	—	—	—	—	2	6	—	217
45 to 64 years	166	—	—	—	8	30	79	24	25	178
65 years and over	436	9	12	48	83	77	119	37	51	146
Median age	64.4	82.5	77.1	75.0	71.3	70.4	62.4	61.9	60.7	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980	14	—	—	—	—	—	11	3	—	182
1975 to 1978	122	—	—	—	20	13	29	25	35	198
1970 to 1974	183	9	—	—	35	25	74	19	21	165
1960 to 1969	502	—	—	6	22	25	237	130	82	192
1959 or earlier	1 212	—	19	66	97	159	510	190	171	176
ROOMS										
1 to 3 rooms	77	9	—	19	21	6	22	—	—	113
4 rooms	320	—	—	18	43	49	164	18	28	165
5 rooms	644	—	13	15	56	91	281	111	77	176
6 rooms	445	—	—	15	54	51	195	96	34	176
7 rooms	245	—	6	5	—	17	126	39	52	188
8 or more rooms	302	—	—	—	—	8	73	103	118	234
Median	5.5	3.0	5.2	4.4	4.9	5.1	5.4	6.1	6.8	...
YEAR STRUCTURE BUILT										
1975 to March 1980	15	—	—	—	—	5	—	3	7	242
1970 to 1974	69	—	—	—	20	10	13	18	8	167
1960 to 1969	236	—	—	—	6	6	95	81	48	207
1950 to 1959	551	—	—	—	23	19	268	116	125	194
1940 to 1949	278	9	—	19	34	34	148	19	15	165
1939 or earlier	884	—	19	53	91	148	337	130	106	169
VALUE										
Less than \$10,000	9	9	—	—	—	—	—	—	—	50—
\$10,000 to \$19,999	121	—	19	21	28	25	18	3	7	118
\$20,000 to \$29,999	255	—	—	19	40	49	130	10	7	157
\$30,000 to \$39,999	435	—	—	26	53	84	187	54	31	165
\$40,000 to \$49,999	507	—	—	6	34	50	257	113	47	182
\$50,000 to \$59,999	308	—	—	—	19	14	170	91	14	186
\$60,000 to \$79,999	313	—	—	—	—	—	99	96	118	230
\$80,000 to \$99,999	50	—	—	—	—	—	—	—	50	250+
\$100,000 to \$149,999	18	—	—	—	—	—	—	—	18	250+
\$150,000 or more	17	—	—	—	—	—	—	—	17	250+
Median	\$43 500	\$10000—	\$16 300	\$24 500	\$32 800	\$34 100	\$43 600	\$50 300	\$66 700	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent	757	9	—	16	58	57	371	136	110	182
10 to 14 percent	442	—	—	12	28	51	151	131	69	193
15 to 19 percent	276	—	7	5	19	45	137	41	22	173
20 to 24 percent	141	—	—	6	25	—	52	34	24	188
25 to 29 percent	114	—	6	20	14	42	18	14	—	135
30 to 34 percent	114	—	6	6	27	6	54	—	15	161
35 percent or more	181	—	—	7	3	21	78	11	61	188
Not computed	8	—	—	—	—	—	—	—	8	250+
Median	12.9	10—	27.1	22.5	15.3	15.3	12.0	11.8	12.9	...
SELECTED CHARACTERISTICS										
Heating equipment	2 033	9	19	72	174	222	861	367	309	180
Steam or hot water system	291	—	—	9	14	16	80	95	77	214
Central warm-air furnace or electric heat pump	1 524	9	6	44	123	171	699	254	218	179
Other built-in electric units	75	—	—	6	20	6	28	8	7	160
Floor, wall, or pipeless furnace	11	—	—	—	—	5	6	—	—	154
Other means	132	—	13	13	17	24	48	10	7	149
Air conditioning	1 012	—	—	22	68	78	457	189	198	187
Central system	371	—	—	—	31	6	141	72	121	205
1 or more individual room units	641	—	—	22	37	72	316	117	77	180
House heating fuel	2 033	9	19	72	174	222	861	367	309	180
Utility gas	767	—	12	59	58	78	299	146	115	180
Bottled, tank, or LP gas	22	9	—	—	13	—	—	—	—	104
Electricity	99	—	—	6	28	6	28	14	17	167
Fuel oil, kerosene, etc.	1 140	—	7	7	70	138	534	207	177	183
Other	5	—	—	—	5	—	—	—	—	113

Table B—7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Grand Forks city	Owner-occupied housing units						Renter-occupied housing units					
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
Occupied housing units	8 109	1 284	849	1 659	2 303	2 014	7 468	1 700	1 431	1 365	1 467	1 505
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	6 171	1 039	644	1 404	1 775	1 309	2 357	568	402	502	520	365
15 to 24 years	267	96	50	37	54	30	733	199	162	169	143	60
25 to 34 years	1 582	484	221	258	327	292	949	212	137	228	250	122
35 to 44 years	1 326	214	169	426	271	246	183	72	15	34	30	32
45 to 64 years	2 260	245	166	566	845	438	315	37	50	46	67	115
65 years and over	736	—	38	117	278	303	177	48	38	25	30	36
Male householder, no wife present	658	106	89	99	163	201	2 025	427	356	324	424	494
15 to 24 years	98	7	20	7	30	34	861	188	168	136	223	146
25 to 34 years	238	64	36	33	60	45	698	184	99	128	121	166
35 to 44 years	53	13	10	7	16	7	120	17	26	40	—	37
45 to 64 years	163	22	16	46	46	33	209	17	43	20	46	83
65 years and over	106	—	7	6	11	82	137	21	20	—	34	62
Female householder, no husband present	1 280	139	116	156	365	504	3 086	705	673	539	523	646
15 to 24 years	57	13	15	21	3	5	924	225	225	185	142	147
25 to 34 years	112	37	40	—	22	13	885	226	173	143	193	150
35 to 44 years	158	6	33	44	51	24	207	30	38	33	38	68
45 to 64 years	376	57	21	52	136	110	376	51	77	60	79	109
65 years and over	577	26	7	39	153	352	694	173	160	118	71	172
Median age	46.2	34.0	37.0	44.9	52.5	55.8	28.4	27.6	27.7	28.1	27.8	33.3
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	1 177	552	127	130	187	181	4 618	1 388	876	783	803	768
1975 to 1978	2 461	732	373	493	523	340	1 957	312	422	447	451	325
1970 to 1974	1 232	—	349	366	257	260	505	—	133	65	105	202
1960 to 1969	1 570	—	—	670	505	395	219	—	—	70	41	108
1959 or earlier	1 669	—	—	—	831	838	169	—	—	—	67	102
ROOMS												
1 room	5	—	—	5	—	—	245	27	34	21	54	109
2 rooms	9	—	—	4	—	5	772	101	135	154	182	200
3 rooms	172	19	12	27	47	67	2 020	476	482	404	279	379
4 rooms	1 020	189	135	111	314	271	2 456	655	554	470	456	321
5 rooms	2 083	357	252	334	722	418	1 155	253	162	184	320	236
6 rooms	1 671	274	150	286	495	466	477	111	32	93	72	169
7 or more rooms	3 149	445	300	892	725	787	343	77	32	39	104	91
Median	6.0	5.8	5.7	6.8	5.6	6.0	3.8	3.9	3.6	3.7	4.0	3.7
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	8 062	1 278	849	1 659	2 287	1 989	7 299	1 694	1 417	1 359	1 429	1 400
0.50 or less	5 203	822	512	978	1 545	1 346	4 764	1 098	1 001	792	889	984
0.51 to 1.00	2 743	431	317	671	701	623	2 345	555	416	501	496	377
1.01 to 1.50	106	25	20	5	41	15	142	18	—	66	27	31
1.51 or more	10	—	—	5	—	5	48	23	—	—	17	8
Lacking complete plumbing for exclusive use	47	6	—	—	16	25	169	6	14	6	38	105
0.50 or less	47	6	—	—	16	25	91	6	14	—	15	56
0.51 to 1.00	—	—	—	—	—	—	78	—	—	6	23	49
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
PERSONS IN UNIT												
1 person	1 078	113	72	126	315	452	3 064	541	688	466	561	808
2 persons	2 423	429	258	374	817	545	2 579	663	494	491	513	418
3 persons	1 739	324	162	316	498	439	913	304	151	165	183	110
4 persons	1 617	272	201	391	442	311	579	140	74	153	121	91
5 persons	777	52	98	312	166	149	210	35	24	62	51	38
6 or more persons	475	94	58	140	65	118	123	17	—	28	38	40
Median	2.82	2.81	3.08	3.53	2.54	2.52	1.76	1.97	1.56	1.94	1.84	1.43
Total persons	24 213	3 909	2 793	5 757	6 415	5 339	15 406	3 740	2 641	3 031	3 140	2 854
UNITS IN STRUCTURE												
1, detached or attached	6 604	793	501	1 421	2 087	1 802	1 004	71	68	148	355	362
2	430	49	18	51	146	166	1 125	127	43	197	474	284
3 and 4	142	49	18	10	35	30	916	81	61	212	264	298
5 to 9	38	5	5	5	18	5	812	155	108	115	148	286
10 to 49	266	174	52	36	4	—	3 213	1 177	990	590	188	268
50 or more	22	16	—	—	—	—	367	89	156	81	34	7
Mobile home or trailer, etc.	607	198	255	136	13	5	31	—	5	22	4	—
SELECTED CHARACTERISTICS												
Heating equipment	8 109	1 284	849	1 659	2 303	2 014	7 468	1 700	1 431	1 365	1 467	1 505
Steam or hot water system	1 086	45	22	294	247	478	2 480	302	541	514	369	754
Central warm-air furnace or electric heat pump	6 124	899	713	1 267	1 910	1 335	2 593	357	286	587	817	546
Other built-in electric units	522	310	61	30	63	58	1 970	1 041	574	195	79	81
Floor, wall, or pipeless furnace	35	5	—	16	2	12	98	—	19	28	27	24
Other means	342	25	53	52	81	131	327	—	11	41	175	100
Air conditioning	4 763	898	579	1 115	1 346	825	2 891	1 005	768	544	304	270
Central system	2 332	651	377	644	550	110	408	92	57	98	104	57
1 or more individual room units	2 431	247	202	471	796	715	2 483	913	711	446	200	213
House heating fuel	8 109	1 284	849	1 659	2 303	2 014	7 468	1 700	1 431	1 365	1 467	1 505
Utility gas	3 844	434	678	1 180	731	821	2 746	207	451	520	697	871
Bottled, tank, or LP gas	105	10	31	49	9	6	112	13	15	36	38	10
Electricity	1 200	815	89	93	137	66	2 615	1 352	702	342	99	120
Fuel oil, kerosene, etc.	2 907	25	39	326	1 410	1 107	1 580	88	178	271	570	473
Other	53	—	12	11	16	14	415	40	85	196	63	31
Income in 1979 below poverty level	331	67	51	51	83	79	1 758	430	295	353	310	370
Percent below poverty level	4.1	5.2	6.0	3.1	3.6	3.9	23.5	25.3	20.6	25.9	21.1	24.6
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	394	31	40	41	95	187	1 654	376	299	292	311	376
\$5,000 to \$9,999	767	70	78	112	191	316	2 109	363	448	374	398	526
\$10,000 to \$14,999	425	81	60	45	123	116	883	236	195	145	143	164
\$15,000 to \$19,999	372	39	30	46	132	125	713	183	113	194	147	76
\$20,000 to \$24,999	1 196	208	157	160	385	286	1 070	261	168	197	245	199
\$25,000 to \$29,999	1 440	273	141	250	445	331	515	149	67	79	125	95
\$30,000 to \$34,999	2 109	341	216	546	554	452	349	85	91	63	64	46
\$35,000 to \$39,999	948	180	86	293	283	106	112	36	20	12	28	16
\$40,000 or more	458	61	41	166	95	95	63	11	30	9	6	7
Median	\$23 068	\$23 905	\$21 836	\$27 967	\$22 583	\$19 682	\$9 931	\$11 176	\$9 632	\$10 284	\$10 428	\$8 605
Mean	\$25 797	\$25 865	\$26 209	\$30 385	\$24 570	\$23 203	\$11 800	\$12 351	\$12 363	\$11 567	\$12 266	\$10 398

Table B—8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Grand Forks city

Grand Forks city	Owner-occupied housing units				Renter-occupied housing units							
		1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.		1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
	Total				Total							
Occupied housing units	8 109	6 604	898	607	7 468	1 004	1 125	916	812	3 213	367	31
Condominium housing units	407	87	320	—	156	22	—	7	3	117	7	—
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	6 171	5 250	483	438	2 357	549	428	255	184	871	61	9
15 to 24 years	267	140	36	91	733	83	119	81	93	349	5	3
25 to 34 years	1 582	1 300	124	158	949	252	206	102	64	289	30	6
35 to 44 years	1 326	1 176	77	73	1 883	82	38	6	13	44	—	—
45 to 64 years	2 260	2 042	156	62	3 151	120	40	45	14	82	14	—
65 years and over	736	592	90	54	1 177	12	25	21	—	107	12	—
Male householder, no wife present	658	411	151	96	2 025	251	297	239	240	929	63	6
15 to 24 years	98	62	11	25	861	95	178	80	65	423	20	—
25 to 34 years	238	130	70	38	698	109	71	79	86	346	7	—
35 to 44 years	53	32	17	4	120	22	7	17	18	50	6	—
45 to 64 years	163	103	31	29	209	12	17	38	50	56	30	6
65 years and over	106	84	22	—	137	13	24	25	21	54	—	—
Female householder, no husband present	1 280	943	264	73	3 086	204	400	422	388	1 413	243	16
15 to 24 years	57	15	21	21	924	69	117	109	158	408	58	5
25 to 34 years	112	51	52	9	885	57	178	121	97	385	40	7
35 to 44 years	158	113	28	17	207	25	24	57	28	73	—	—
45 to 64 years	376	285	71	20	376	36	55	66	63	150	6	—
65 years and over	577	479	92	6	694	17	26	69	42	397	139	4
Median age	46.2	47.4	46.2	32.6	28.4	29.2	27.5	29.3	27.7	27.9	55.1	31.1
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	1 177	766	276	135	4 618	509	719	554	526	2 110	180	20
1975 to 1978	2 461	1 823	308	330	1 957	349	300	230	200	757	114	7
1970 to 1974	1 232	1 028	101	103	505	62	43	62	65	207	66	—
1960 to 1969	1 570	1 470	61	39	219	34	21	49	21	87	7	—
1959 or earlier	1 669	1 517	152	—	169	50	42	21	—	52	—	4
ROOMS												
1 room	5	—	—	5	245	—	6	34	77	117	7	4
2 rooms	9	5	—	4	772	26	89	78	161	382	36	—
3 rooms	172	119	15	38	2 020	90	230	162	246	1 032	260	—
4 rooms	1 020	560	250	210	2 456	175	360	431	207	1 214	54	15
5 rooms	2 083	1 551	262	270	1 155	320	230	132	68	396	4	5
6 rooms	1 671	1 422	193	56	477	192	97	67	41	67	6	7
7 or more rooms	3 149	2 947	178	24	343	201	113	12	12	5	—	—
Median	6.0	6.3	5.2	4.7	3.8	5.2	4.2	3.9	3.2	3.6	3.0	4.3
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	8 062	6 585	870	607	7 299	1 004	1 110	882	747	3 179	346	31
0.50 or less	5 203	4 182	696	325	4 764	543	718	566	499	2 167	258	13
0.51 to 1.00	2 743	2 321	170	252	2 345	410	373	279	211	981	79	12
1.01 to 1.50	106	77	4	25	142	51	19	37	15	14	—	6
1.51 or more	10	5	—	5	48	—	—	—	22	17	9	—
Lacking complete plumbing for exclusive use	47	19	28	—	169	—	15	34	65	34	21	—
0.50 or less	47	19	28	—	91	—	15	22	20	20	14	—
0.51 to 1.00	—	—	—	—	78	—	—	12	45	14	7	—
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
BEDROOMS												
None	10	5	—	5	332	3	6	49	104	159	7	4
1	221	147	42	32	2 852	186	381	242	438	1 322	277	6
2	2 187	1 381	486	320	3 320	366	494	539	220	1 621	77	3
3	3 527	3 028	249	250	798	336	213	75	44	106	6	18
4	1 694	1 607	87	—	160	110	28	11	6	5	—	—
5 or more	470	436	34	—	6	3	3	—	—	—	—	—
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	394	257	85	52	1 654	127	221	173	223	731	175	4
\$5,000 to \$9,999	767	548	96	123	2 109	190	296	309	299	932	70	13
\$10,000 to \$12,499	425	288	80	57	883	120	125	146	95	376	21	—
\$12,500 to \$14,999	372	266	51	55	713	105	96	58	55	359	37	3
\$15,000 to \$19,999	1 196	895	180	121	1 070	210	192	151	79	409	29	—
\$20,000 to \$24,999	1 440	1 210	102	128	515	105	98	52	43	206	5	6
\$25,000 to \$34,999	2 109	1 861	195	53	349	102	71	20	7	132	12	5
\$35,000 to \$49,999	948	843	87	18	112	34	20	—	6	38	14	—
\$50,000 or more	458	436	22	—	63	11	6	7	5	30	4	—
Median	\$23 068	\$24 338	\$18 639	\$15 616	\$9 931	\$14 048	\$10 910	\$9 613	\$8 333	\$9 671	\$5 417	\$9 712
Mean	\$25 797	\$26 715	\$25 653	\$16 019	\$11 800	\$15 455	\$12 509	\$11 008	\$9 258	\$11 443	\$10 146	\$14 188
SELECTED CHARACTERISTICS												
Heating equipment	8 109	6 604	898	607	7 468	1 004	1 125	916	812	3 213	367	31
Steam or hot water system	1 086	867	219	—	2 480	177	162	247	398	1 345	145	6
Central warm-air furnace or electric heat pump	6 124	5 125	472	527	2 593	588	654	490	190	602	51	18
Other built-in electric units	522	319	180	23	1 970	103	141	131	196	1 238	158	3
Floor, wall, or pipeless furnace	35	23	2	10	98	6	47	5	11	16	13	—
Other means	342	270	25	47	327	130	121	43	17	12	—	4
Air conditioning	4 763	3 839	607	317	2 891	267	241	163	152	1 884	173	11
Central system	2 332	1 959	267	106	408	89	94	10	20	175	15	5
Vehicles available	7 797	6 361	840	596	6 285	956	992	779	661	2 650	220	27
1	2 197	1 603	335	259	3 758	374	530	467	477	1 717	171	22
2 or more	5 600	4 758	505	337	2 527	582	462	312	184	933	49	5
House heating fuel	8 109	6 604	898	607	7 468	1 004	1 125	916	812	3 213	367	31
Utility gas	3 844	3 107	364	373	2 746	407	427	447	324	1 076	47	18
Bottled, tank, or LP gas	105	34	6	65	112	23	19	20	6	44	—	—
Electricity	1 200	836	289	75	2 615	175	213	183	272	1 580	189	3
Fuel oil, kerosene, etc.	2 907	2 579	234	94	1 580	364	431	224	125	352	74	10
Other	53	48	5	—	415	35	35	42	85	161	57	—
Water heating fuel	8 109	6 604	898	607	7 442	1 004	1 125	910	806	3 199	367	31
Utility gas	3 665	3 060	330	275	2 909	527	445	516	369	972	61	19
Bottled, tank, or LP gas	138	85	6	47	133	38	28	4	14	41	8	—
Electricity	4 231	3 392	554	285	3 794	390	568	347	323	1 944	210	12
Fuel oil, kerosene, etc.	75	67	8	—	337	28	66	13	49	133	48	—
Other	—	—	—	—	269	21	18	30	51	109	40	—
Family householder	6 841	5 754	592	495	3 357	659	602	442	296	1 247	90	21
With own children under 18 years	3 831	3 322	235	274	1 783	432	346	256	135	583	15	16
With own children under 6 years	1 470	1 204	116	150	1 173	252	225	137	96	454	—	9
Female householder, no husband present	496	367	88	41	897	90	169	180	93	324	29	12
With own children under 18 years	266	176	71	19	682	68	138	136	61	257		

Table B—9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Grand Forks city	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
Owner-occupied housing units	8 109	1 078	2 423	1 739	1 617	777	322	108	45	2.82	24 213
Nonrelatives present	328	—	154	86	34	29	20	5	—	2.62	992
ROOMS											
1 to 3 rooms	186	67	110	9	—	—	—	—	—	1.74	300
4 rooms	1 020	295	437	177	94	17	—	—	—	1.99	2 173
5 rooms	2 083	349	758	453	318	146	45	9	5	2.41	5 735
6 rooms	1 671	190	506	399	351	153	43	23	6	2.85	4 871
7 rooms	1 059	98	278	260	265	113	28	17	—	3.09	3 308
8 or more rooms	2 090	79	334	441	589	348	206	59	34	3.82	7 826
Median	6.0	5.0	5.4	6.1	6.7	7.1	7.9	7.9	8.5+	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	8 062	1 072	2 387	1 734	1 617	777	322	108	45	2.83	24 124
1.00 or less	7 946	1 072	2 382	1 734	1 617	760	277	76	28	2.80	23 368
1.01 to 1.50	106	—	—	—	—	17	45	32	12	6.30	714
1.51 or more	10	—	5	—	—	—	—	—	5	5.00	42
Lacking complete plumbing for exclusive use	47	6	36	5	—	—	—	—	—	1.99	89
1.00 or less	47	6	36	5	—	—	—	—	—	1.99	89
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE											
1, detached or attached	6 604	763	1 793	1 450	1 457	704	304	88	45	3.01	19 917
2 or more	898	237	388	152	76	27	13	5	—	2.05	2 297
Mobile home or trailer, etc.	607	78	242	137	84	46	5	15	—	2.43	1 999
VALUE											
Specified owner-occupied housing units	6 257	694	1 696	1 406	1 384	655	289	88	45	3.03	18 786
Less than \$10,000	9	9	—	—	—	—	—	—	—	1.00	7
\$10,000 to \$19,999	131	72	44	6	3	6	—	—	—	1.41	223
\$20,000 to \$29,999	495	118	166	125	65	21	—	—	—	2.28	1 004
\$30,000 to \$39,999	879	157	281	189	166	62	11	13	—	2.51	2 099
\$40,000 to \$49,999	1 256	154	330	260	268	156	59	12	17	3.05	3 940
\$50,000 to \$59,999	1 469	107	367	340	368	175	95	11	6	3.27	4 739
\$60,000 to \$79,999	1 385	40	352	361	367	136	89	34	6	3.33	4 622
\$80,000 to \$99,999	400	20	113	96	89	61	16	5	—	3.20	1 299
\$100,000 to \$149,999	174	—	37	21	53	31	19	13	—	4.05	640
\$150,000 or more	59	17	6	8	5	7	—	—	16	3.31	213
Median	\$52 200	\$39 500	\$50 700	\$53 500	\$54 600	\$54 200	\$57 500	\$65 800	\$59 600	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	8 109	1 078	2 423	1 739	1 617	777	322	108	45	2.82	24 213
Median income	\$23 068	\$9 346	\$21 577	\$24 427	\$26 052	\$26 150	\$30 943	\$35 313	\$28 482	...	...
Median selected monthly owner costs as percentage of household income	19.4	28.2	16.8	19.7	20.0	20.3	17.7	14.6	27.1	...	...
With a mortgage	22.0	41.6	21.4	22.7	21.6	21.8	20.2	15.0	29.6	...	...
Not mortgaged	12.9	25.6	12.9	10—	10.2	10—	10—	10—	10—	...	...
Income in 1979 below poverty level	331	116	74	62	26	26	11	10	6	2.17	...
Median income	\$3 481	\$2 698	\$3 125	\$5 000	\$2500—	\$5 556	\$7 292	\$9 583	\$11 250	...	...
Median selected monthly owner costs as percentage of household income	50+	50+	50+	50+	50+	50+	50+	—	45.0	...	...
With a mortgage	50+	50+	50+	50+	50+	50+	50+	—	45.0	...	...
Not mortgaged	50+	50+	50+	—	—	—	—	—	—	...	...
Renter-occupied housing units	7 468	3 064	2 579	913	579	210	76	38	9	1.76	15 406
Nonrelatives present	1 172	—	882	190	37	31	5	18	9	2.16	2 922
ROOMS											
1 room	245	217	28	—	—	—	—	—	—	1.06	251
2 rooms	772	590	170	5	7	—	—	—	—	1.15	916
3 rooms	2 020	1 319	597	70	21	4	—	—	9	1.27	2 960
4 rooms	2 456	652	1 147	389	201	48	19	—	—	2.00	5 330
5 rooms	1 155	191	402	277	180	61	24	20	—	2.46	3 257
6 rooms	477	57	130	123	99	44	19	5	—	2.92	1 503
7 or more rooms	343	38	105	49	71	53	14	13	—	3.08	1 189
Median	3.8	3.0	3.9	4.5	4.8	5.4	5.3	5.4	3.0	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	7 299	2 909	2 576	902	579	210	76	38	9	1.79	15 226
1.00 or less	7 109	2 909	2 548	897	551	158	33	13	—	1.75	14 329
1.01 to 1.50	142	—	—	5	21	48	43	25	—	5.44	749
1.51 or more	48	—	28	—	7	4	—	—	9	2.36	148
Lacking complete plumbing for exclusive use	169	155	3	11	—	—	—	—	—	1.05	180
1.00 or less	169	155	3	11	—	—	—	—	—	1.05	180
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE											
1, detached or attached	1 004	204	290	162	175	102	44	27	—	2.55	3 089
2	1 125	363	396	218	94	38	10	6	—	2.00	2 598
3 and 4	916	344	336	91	102	26	12	5	—	1.84	1 928
5 to 9	812	433	243	58	63	15	—	—	—	1.44	1 393
10 to 49	3 213	1 474	1 207	359	145	24	4	—	—	1.61	5 737
50 or more	367	236	100	22	—	—	—	—	9	1.28	569
Mobile home or trailer, etc.	31	10	7	3	—	5	6	—	—	2.29	92
GROSS RENT											
Specified renter-occupied housing units	7 435	3 061	2 579	904	567	201	76	38	9	1.75	15 267
Less than \$100	749	502	154	66	22	5	—	—	—	1.25	1 060
\$100 to \$149	1 040	396	402	116	109	11	6	—	—	1.81	2 088
\$150 to \$199	1 395	841	415	73	54	12	—	—	—	1.33	2 076
\$200 to \$249	1 391	693	495	114	65	13	6	5	—	1.51	2 501
\$250 to \$299	1 248	368	539	180	101	29	24	7	—	1.97	2 751
\$300 to \$349	687	165	274	140	74	25	9	—	—	2.15	1 660
\$350 to \$399	444	27	187	112	45	43	9	21	—	2.57	1 466
\$400 to \$499	232	21	34	56	64	35	22	—	—	3.58	929
\$500 or more	70	8	10	11	24	12	—	5	—	3.75	282
No cash rent	179	40	69	36	9	16	—	—	9	2.22	454
Median	\$215	\$189	\$227	\$273	\$266	\$345	\$311	\$367	—	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	7 468	3 064	2 579	913	579	210	76	38	9	1.76	15 406
Median income	\$9 931	\$7 095	\$11 394	\$12 809	\$13 564	\$16 667	\$10 385	\$19 500	\$13 750	...	...
Median gross rent as percentage of household income	25.0	27.9	22.7	23.2	24.6	23.2	31.9	18.0	—	...	...
Income in 1979 below poverty level	1 758	818	532	178	125	58	47	—	—	1.61	...
Median income	\$3 322	\$2500—	\$4 195	\$3 929	\$5 184	\$5 455	\$8 580	—	—	...	...
Median gross rent as percentage of household income	50+	50+	50+	50+	50+	45.0	40.8	—	—	...	...

Table B — 10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

Grand Forks city	Married-couple families					Male householder, no wife present					Female householder, no husband present					Median age
	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	
Owner-occupied housing units -----																
PERSONS IN UNIT																
1 person -----	1 078	1 582	1 326	2 260	736	98	238	53	163	106	57	112	158	376	577	46.2
2 persons -----	1 423	369	84	766	577	47	119	44	70	77	30	27	31	181	452	64.5
3 persons -----	2 423	450	180	691	108	29	76	4	51	24	9	22	37	148	104	56.4
4 persons -----	1 739	542	483	423	51	14	30	5	12	5	18	49	48	22	—	44.2
5 persons -----	1 617	198	318	211	—	8	—	—	—	—	—	14	30	6	—	39.0
6 or more persons -----	475	23	261	169	—	—	9	—	—	—	—	—	6	19	—	40.6
Median -----	2.82	3.44	4.33	3.03	2.14	1.57	1.50	1.10	1.73	1.19	1.45	2.64	2.73	1.55	1.14	43.4
Total persons -----	24 213	5 528	5 951	7 069	1 627	194	460	77	296	139	106	271	401	624	698	...
PLUMBING FACILITIES BY PERSONS PER ROOM																
Complete plumbing for exclusive use -----	8 062	1 582	1 326	2 254	729	98	238	53	156	106	57	101	158	376	567	46.2
1.01 or more persons per room -----	116	17	68	26	5	—	—	—	—	—	—	—	—	—	—	41.3
Lacking complete plumbing for exclusive use -----	47	—	—	6	7	—	—	—	7	—	—	11	—	—	10	49.6
1.01 or more persons per room -----	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																
Specified owner-occupied housing units																
With a mortgage -----	6 257	1 238	1 118	1 944	573	52	125	32	98	68	15	39	102	266	447	47.3
Less than 15 percent -----	4 224	1 208	1 088	1 197	92	44	110	25	56	5	15	39	94	100	11	39.9
15 to 19 percent -----	927	65	295	476	26	6	12	7	25	5	—	—	—	17	6	48.0
20 to 24 percent -----	845	214	238	258	19	—	11	—	12	—	—	8	15	16	—	41.1
25 to 29 percent -----	825	293	203	236	5	8	21	—	—	—	—	—	15	18	—	38.2
30 to 34 percent -----	504	232	146	48	15	7	9	5	7	—	—	—	5	7	—	34.3
35 percent or more -----	383	185	93	45	6	4	13	6	7	—	—	—	5	7	—	33.6
Median -----	733	219	113	134	21	19	44	7	12	—	15	24	50	37	5	35.6
Not computed -----	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.5
Not mortgaged -----	22.0	25.7	20.3	17.4	21.0	31.3	30.8	30.4	16.3	10—	50+	40.8	42.3	24.7	10—	...
Less than 10 percent -----	2 033	30	30	747	481	8	15	7	42	63	—	—	8	166	436	64.4
10 to 14 percent -----	757	6	12	432	164	8	7	—	22	16	—	—	—	27	55	60.1
15 to 19 percent -----	442	13	18	212	113	—	—	—	6	5	—	—	2	31	53	61.0
20 to 24 percent -----	276	11	—	53	76	—	—	—	6	25	—	—	6	15	66	68.0
25 to 29 percent -----	141	—	—	29	49	—	—	—	8	5	—	—	—	21	29	68.1
30 to 34 percent -----	114	—	—	5	11	—	—	—	—	—	—	—	—	16	48	73.3
35 percent or more -----	114	—	—	—	45	—	—	—	—	12	—	—	—	9	9	72.0
Not computed -----	181	—	—	16	23	—	—	—	—	—	—	—	—	39	103	71.3
Median -----	12.9	13.5	15.8	10—	13.4	10—	10—	10—	10—	17.1	—	—	16.7	21.4	25.9	52.5
Renter-occupied housing units -----																
PERSONS IN UNIT																
1 person -----	3 064	949	183	315	177	861	698	120	209	137	924	885	207	376	694	28.4
2 persons -----	2 579	345	39	155	152	421	476	89	191	126	435	344	54	304	624	31.0
3 persons -----	913	227	17	66	20	339	182	19	12	11	369	299	68	41	59	25.7
4 persons -----	579	272	55	44	—	72	36	—	6	—	92	152	42	24	6	27.5
5 persons -----	210	75	53	34	—	16	4	5	—	—	10	59	33	—	5	30.2
6 or more persons -----	123	30	19	16	5	—	—	7	—	—	9	17	—	—	—	33.7
Median -----	1.76	3.07	4.15	2.54	2.08	1.53	1.23	1.17	1.05	1.04	1.57	1.83	10	1.12	1.06	33.9
Total persons -----	15 406	3 148	759	976	381	1 455	1 017	174	210	131	1 712	1 785	487	470	797	...
PLUMBING FACILITIES BY PERSONS PER ROOM																
Complete plumbing for exclusive use -----	7 299	949	183	315	177	843	681	120	181	120	910	872	193	370	657	28.3
1.01 or more persons per room -----	190	42	22	27	13	19	17	—	—	—	14	13	5	7	—	31.8
Lacking complete plumbing for exclusive use -----	169	—	—	—	—	18	—	—	28	17	—	—	14	6	37	47.9
1.01 or more persons per room -----	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																
Specified renter-occupied housing units -----																
Less than 15 percent -----	7 435	922	180	315	177	861	698	120	209	137	924	885	207	373	694	28.4
15 to 19 percent -----	1 176	268	37	97	16	84	137	36	74	15	22	99	13	17	81	29.1
20 to 24 percent -----	1 254	207	44	82	35	131	209	22	37	32	93	136	23	27	31	28.4
25 to 29 percent -----	1 160	153	49	27	24	123	118	24	40	14	62	141	38	70	151	29.4
30 to 34 percent -----	924	111	5	19	42	110	46	5	21	24	78	119	47	69	117	28.8
35 to 49 percent -----	616	55	7	14	17	94	70	—	—	—	134	61	20	35	51	26.0
50 percent or more -----	835	54	34	36	18	111	30	12	6	9	154	121	20	55	112	26.0
Not computed -----	1	212	—	9	10	173	69	21	19	43	352	197	29	71	133	33.1
Median -----	25.0	21.4	20.7	17.7	25.7	28.4	19.8	20.4	18.3	26.6	40.3	27.6	27.2	29.2	28.2	...

Table B — 11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

Grand Forks city	Total	Male householder						Female householder					
		Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
Owner-occupied housing units	1 078	357	47	119	44	70	77	721	30	27	31	181	452
PLUMBING FACILITIES													
Complete plumbing for exclusive use	1 072	357	47	119	44	70	77	715	30	27	31	181	446
Lacking complete plumbing for exclusive use	6	—	—	—	—	—	—	6	—	—	—	—	6
UNITS IN STRUCTURE													
1, detached or attached	763	220	26	72	27	35	60	543	10	7	21	137	368
2 or more	237	91	6	36	17	15	17	146	5	20	4	39	78
Mobile home or trailer, etc.	78	46	15	11	—	20	—	32	15	—	6	5	6
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	255	43	10	4	—	7	22	212	14	—	—	28	170
\$5,000 to \$9,999	318	65	22	9	—	6	28	253	16	—	11	75	151
\$10,000 to \$12,499	101	22	10	12	—	—	—	79	—	4	—	33	42
\$12,500 to \$14,999	67	36	5	14	—	6	11	31	—	—	6	11	14
\$15,000 to \$19,999	139	65	—	49	11	5	—	74	—	23	—	27	24
\$20,000 to \$24,999	82	47	—	11	13	23	—	35	—	—	14	—	21
\$25,000 to \$34,999	87	56	—	20	13	16	7	31	—	—	—	7	24
\$35,000 to \$49,999	16	16	—	—	—	7	9	—	—	—	—	—	—
\$50,000 or more	13	7	—	—	7	—	—	6	—	—	—	—	6
Median	\$9 346	\$15 694	\$8 583	\$16 349	\$24 286	\$21 196	\$6 964	\$7 365	\$5 156	\$17 589	\$14 375	\$9 155	\$6 359
Mean	\$16 398	\$16 815	\$7 720	\$16 748	\$29 172	\$20 136	\$12 387	\$16 192	\$4 998	\$16 931	\$15 440	\$9 837	\$19 487
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units	694	200	26	67	27	30	50	494	10	—	15	133	336
With a mortgage	183	123	26	60	20	17	—	60	10	—	15	30	5
Less than \$200	7	7	7	—	—	—	—	—	—	—	—	—	—
\$200 to \$249	23	—	—	—	—	—	—	23	—	—	—	23	—
\$250 to \$299	9	9	9	—	—	—	—	—	—	—	—	—	—
\$300 to \$349	29	22	10	—	—	12	—	7	—	—	7	—	—
\$350 to \$399	7	7	—	7	—	—	—	—	—	—	—	—	—
\$400 to \$499	38	28	—	28	—	—	—	10	10	—	—	—	—
\$500 to \$599	25	12	—	—	7	5	—	13	—	—	8	—	5
\$600 to \$749	24	24	—	18	6	—	—	—	—	—	—	—	—
\$750 or more	21	14	—	7	7	—	—	7	—	—	—	7	—
Median	\$459	\$464	\$283	\$484	\$675	\$335	—	\$400	\$475	—	\$506	\$233	\$550
Not mortgaged	511	77	—	7	7	13	50	434	—	—	—	103	331
Less than \$50	9	—	—	—	—	—	—	9	—	—	—	—	9
\$50 to \$74	19	7	—	—	—	—	7	12	—	—	—	—	12
\$75 to \$99	50	11	—	—	—	—	11	39	—	—	—	—	39
\$100 to \$124	79	12	—	—	—	7	5	67	—	—	—	8	59
\$125 to \$149	93	12	—	—	—	—	12	81	—	—	—	18	63
\$150 to \$199	187	35	—	7	7	6	15	152	—	—	—	60	92
\$200 to \$249	27	—	—	—	—	—	—	27	—	—	—	7	20
\$250 or more	47	—	—	—	—	—	—	47	—	—	—	10	37
Median	\$151	\$143	—	\$175	\$175	\$123	\$129	\$153	—	—	—	\$171	\$143
SELECTED CHARACTERISTICS													
Median selected monthly owner costs as percentage of household income in 1979	28.2	30.2	38.0	38.2	19.6	17.5	17.9	28.0	50+	—	29.7	26.8	27.6
With a mortgage	41.6	38.3	38.0	40.8	32.5	38.5	—	50+	50+	—	29.7	50+	50+
Not mortgaged	25.6	15.7	—	12.5	10—	10—	17.9	27.1	—	—	—	23.8	27.5
Income in 1979 below poverty level	116	20	6	4	—	—	10	96	4	—	—	28	64
Percent below poverty level	10.8	5.6	12.8	3.4	—	—	13.0	13.3	13.3	—	—	15.5	14.2
Renter-occupied housing units	3 064	1 303	421	476	89	191	126	1 761	435	344	54	304	624
PLUMBING FACILITIES													
Complete plumbing for exclusive use	2 909	1 226	403	462	89	163	109	1 683	421	331	40	304	587
Lacking complete plumbing for exclusive use	155	77	18	14	—	28	17	78	14	13	14	—	37
UNITS IN STRUCTURE													
1, detached or attached	204	140	40	68	7	12	13	64	22	7	—	23	12
2	363	203	121	46	7	10	19	160	58	33	8	43	18
3 and 4	344	160	33	51	13	38	25	184	43	41	7	45	48
5 to 9	433	190	47	64	13	45	21	243	88	44	19	58	34
10 to 49	1 474	557	176	240	43	50	48	917	199	194	20	129	375
50 or more	236	47	4	7	6	30	—	189	25	25	—	6	133
Mobile home or trailer, etc.	10	6	—	—	—	6	—	4	—	—	—	—	4
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	1 087	332	145	70	11	38	68	755	216	58	22	91	368
\$5,000 to \$9,999	1 006	394	109	149	31	69	36	612	167	121	14	131	179
\$10,000 to \$12,499	295	160	80	46	—	20	14	135	27	67	—	21	20
\$12,500 to \$14,999	259	164	60	84	14	6	—	95	7	42	5	24	17
\$15,000 to \$19,999	248	142	27	92	8	15	—	106	18	43	7	21	17
\$20,000 to \$24,999	111	69	—	20	19	22	8	42	—	13	6	16	7
\$25,000 to \$34,999	39	23	—	8	6	9	—	16	—	—	—	—	16
\$35,000 to \$49,999	—	—	—	—	—	—	—	—	—	—	—	—	—
\$50,000 or more	19	19	—	7	—	12	—	—	—	—	—	—	—
Median	\$7 095	\$8 971	\$7 274	\$11 033	\$12 946	\$9 223	\$4 795	\$5 987	\$5 036	\$9 797	\$5 893	\$6 955	\$4 476
Mean	\$8 564	\$10 627	\$7 849	\$11 811	\$12 701	\$15 632	\$6 385	\$7 037	\$5 116	\$9 884	\$8 554	\$8 095	\$6 159
GROSS RENT													
Specified renter-occupied housing units	3 061	1 303	421	476	89	191	126	1 758	435	344	54	301	624
Less than \$100	502	157	12	31	—	66	48	345	14	21	21	33	256
\$100 to \$149	396	216	103	51	30	6	26	180	46	28	7	23	76
\$150 to \$199	841	404	121	182	24	70	7	437	137	71	11	100	118
\$200 to \$249	693	303	114	137	7	21	24	390	176	101	—	65	48
\$250 to \$299	368	132	34	45	28	18	7	236	40	95	7	36	58
\$300 to \$349	165	52	27	12	—	5	8	113	10	23	—	28	52
\$350 to \$399	27	10	—	4	—	—	6	17	—	5	8	—	4
\$400 to \$499	21	12	6	6	—	—	—	9	—	—	—	9	—
\$500 or more	8	—	—	—	—	—	—	8	8	—	—	—	—
No cash rent	40	17	4	8	—	5	—	23	4	—	—	7	12
Median	\$189	\$188	\$193	\$193	\$195	\$170	\$132	\$190	\$204	\$230	\$139	\$194	\$126
SELECTED CHARACTERISTICS													
Median gross rent as percentage of household income in 1979	27.9	23.7	31.3	21.3	19.4	19.1	25.8	30.0	48.9	27.2	21.4	28.2	28.5
Income in 1979 below poverty level	818	258	120	63	11	25	39	560	192	39	8	70	251
Percent below poverty level	26.7	19.8	28.5	13.2	12.4	13.1	31.0	31.8	44.1	11.3	14.8	23.0	40.2

Table B—12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Grand Forks city					Grand Forks city				
	Total	Less than 2 months	2 up to 6 months	6 or more months		Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units	487	74	161	252	Vacant for rent housing units	842	451	273	118
ROOMS					ROOMS				
1 to 3 rooms	33	—	4	29	1 room	59	43	16	—
4 rooms	218	17	136	65	2 rooms	69	43	13	13
5 rooms	127	24	6	97	3 rooms	294	122	135	37
6 rooms	50	9	15	26	4 rooms	313	205	66	42
7 rooms	19	19	—	—	5 rooms	44	24	20	—
8 or more rooms	40	5	—	35	6 rooms	26	14	4	8
Median	4.5	5.3	4.1	4.8	7 or more rooms	37	—	19	18
					Median	3.5	3.6	3.3	3.7
PLUMBING FACILITIES					PLUMBING FACILITIES				
Complete plumbing for exclusive use	473	74	161	238	Complete plumbing for exclusive use	802	432	252	118
Lacking complete plumbing for exclusive use	14	—	—	14	Lacking complete plumbing for exclusive use	40	19	21	—
BEDROOMS					BEDROOMS				
None	—	—	—	—	None	72	49	16	7
1	33	—	4	29	1	344	164	137	43
2	313	22	136	155	2	349	210	97	42
3	113	52	21	40	3	56	28	16	12
4	28	—	—	28	4	15	—	1	14
5 or more	—	—	—	—	5 or more	6	—	6	—
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1975 to March 1980	337	52	118	167	1975 to March 1980	328	210	91	27
1970 to 1974	23	—	8	15	1970 to 1974	122	65	39	18
1960 to 1969	12	—	8	4	1960 to 1969	54	33	11	10
1950 to 1959	15	8	7	—	1950 to 1959	65	39	6	20
1940 to 1949	19	—	—	19	1940 to 1949	59	27	32	—
1939 or earlier	81	14	20	47	1939 or earlier	214	77	94	43
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1, detached or attached	112	19	23	70	1, detached or attached	66	20	28	18
2 or more	343	44	138	161	2	102	44	39	19
Mobile home or trailer	32	11	—	21	3 and 4	122	75	41	6
HEATING EQUIPMENT					5 to 9	145	83	42	20
Central heating system	448	58	153	237	10 to 49	350	224	86	40
Other means	34	11	8	15	50 or more	27	5	22	—
None	5	5	—	—	Mobile home or trailer	30	—	15	15
PRICE ASKED					RENT ASKED				
Specified vacant for sale only housing units	112	19	23	70	Specified vacant for rent housing units	842	451	273	118
Less than \$10,000	14	—	—	14	Less than \$100	107	62	30	15
\$10,000 to \$19,999	—	—	—	—	\$100 to \$149	184	104	48	32
\$20,000 to \$29,999	16	5	11	—	\$150 to \$199	152	59	71	22
\$30,000 to \$39,999	20	9	5	6	\$200 to \$249	224	139	62	23
\$40,000 to \$49,999	14	—	7	7	\$250 to \$299	140	68	52	20
\$50,000 to \$59,999	22	—	—	22	\$300 to \$399	35	19	10	6
\$60,000 to \$79,999	19	5	—	14	\$400 or more	—	—	—	—
\$80,000 to \$99,999	7	—	—	7	Median	\$190	\$200	\$184	\$160
\$100,000 or more	—	—	—	—					
Median	\$44 300	\$37 500	\$30 500	\$54 000					

Table B—13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Price asked—Specified vacant for sale only housing units								Rent asked—Specified vacant for rent housing units						
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)	Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)
Grand Forks city														
Total	112	14	16	34	48	—	44 300	842	107	336	364	35	—	190
PLUMBING FACILITIES														
Complete plumbing for exclusive use	112	14	16	34	48	—	44 300	802	73	330	364	35	—	199
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—	40	34	6	—	—	—	87
BEDROOMS														
None	—	—	—	—	—	—	—	72	30	42	—	—	—	107
1	—	—	—	—	—	—	—	344	30	204	110	—	—	161
2	32	14	8	5	5	—	20 600	349	39	79	208	23	—	217
3	52	—	8	27	17	—	38 900	56	8	10	26	12	—	243
4	28	—	—	2	26	—	60 000	15	—	1	14	—	—	262
5 or more	—	—	—	—	—	—	—	6	—	—	6	—	—	238
YEAR STRUCTURE BUILT														
1975 to March 1980	36	—	—	—	36	—	62 900	328	60	72	192	4	—	216
1970 to 1974	—	—	—	—	—	—	—	122	—	66	34	22	—	189
1960 to 1969	4	—	—	—	4	—	57 500	54	5	24	25	—	—	197
1950 to 1959	7	—	—	7	—	—	47 500	65	—	30	35	—	—	205
1940 to 1949	19	—	—	11	8	—	43 500	59	—	38	17	4	—	157
1939 or earlier	46	14	16	16	—	—	23 300	214	42	106	61	5	—	144
UNITS IN STRUCTURE														
1, detached or attached	112	14	16	34	48	—	44 300	66	—	14	44	8	—	233
2 or more	—	—	—	—	—	—	—	746	77	322	320	27	—	189
Mobile home or trailer	—	—	—	—	—	—	—	30	30	—	—	—	—	85

Appendix A.—Area Classifications

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REGIONS

Regions are large groups of States that form the first-order subdivisions of the United States for census purposes. The four regions are the Northeast, North Central, South, and West.

STATES

The 50 States and the District of Columbia are the constituent units of the United States.

PLACES

Two types of places are recognized in the census reports—incorporated places and census designated places—as defined below. Places with a 1980 population below 50,000 are not shown in this report unless they are central cities of standard metropolitan statistical areas.

Incorporated Places

Incorporated places recognized in the reports of the census are those which are incorporated under the laws of their respective States as cities, boroughs, towns, and villages, with the following exceptions: boroughs in Alaska and New York, and towns in the six

New England States, New York, and Wisconsin.

Census Designated Places

As in the 1950, 1960, and 1970 censuses, the Census Bureau has delineated boundaries for closely settled population centers without corporate limits. In 1980, the name of each such place is followed by "(CDP)," meaning "census designated place." In the 1970 and earlier censuses, these places were identified by "(U)," meaning "unincorporated place."

Census designated place boundaries change with changes in the settlement pattern; a place which has the same name as in previous censuses does not necessarily have the same boundaries. Boundary outlines for CDP's appear on the county subdivision maps in the HC80-1-A, *General Housing Characteristics*, reports for States. Detailed maps are available for purchase from the Census Bureau.

Eleven states, (Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New York, New Jersey, Pennsylvania, Rhode Island, Vermont, and Wisconsin), contain towns or townships which are coextensive with census designated places (CDP's). Data for these areas are not shown in the tables.

STANDARD METROPOLITAN STATISTICAL AREAS

Definition

The general concept of a metropolitan area is one of a large population nucleus, together with adjacent communities which have a high degree of economic and social integration with that nucleus. The standard metropolitan statistical area (SMSA) classification is a statistical standard, developed for use by Federal agencies in the production, analysis, and publication of data on metropolitan areas. The SMSA's are designated and defined

by the Office of Management and Budget, following a set of official published standards developed by the interagency Federal Committee on Standard Metropolitan Statistical Areas.

Each SMSA has one or more central counties containing the area's main population concentration: an urbanized area with at least 50,000 inhabitants. An SMSA may also include outlying counties which have close economic and social relationships with the central counties. The outlying counties must have a specified level of commuting to the central counties and must also meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. In New England, SMSA's are composed of cities and towns rather than whole counties.

The housing units in SMSA's may also be referred to as the metropolitan housing and are subdivided into "inside central city (or cities)" and "outside central city (or cities)." The housing units outside SMSA's constitute the non-metropolitan housing.

In the United States Summary report and the State reports, the data shown for "Central Cities of SMSA's" are the sum of all central cities excluding any rural area and any legal area that is outside of a standard metropolitan statistical area. In the individual SMSA reports, the data shown for central cities and places of 50,000 or more inhabitants are for the legal definition of the city without regard to urban or SMSA restrictions.

SMSA Titles

Each SMSA except one (Nassau-Suffolk, N.Y.) has at least one central city. The titles of SMSA's include up to three city names, as well as the name of each State into which the SMSA extends. For the 1980 census, central cities of SMSA's are those named in the titles of the SMSA's,

with the exception of Nassau-Suffolk, N.Y., which has no central city, and Northeast Pennsylvania, the central cities of which are Scranton, Wilkes-Barre, and Hazleton. Data on central cities of SMSA's include the entire population and housing within the legal city boundaries. In Hawaii where there are no incorporated places recognized by the Bureau of the Census, census designated places are recognized as central cities.

New SMSA Standards

New standards for designating and defining metropolitan statistical areas were published in the *Federal Register* on January 3, 1980. The SMSA's recognized for the 1980 census comprise (1) all areas as defined on January 1, 1980, except for one area which was defined provisionally during the 1970's on the

basis of population estimates but whose qualification was not confirmed by 1980 census counts; and (2) a group of 36 new areas defined on the basis of 1980 census counts and the new standards that were published on January 3, 1980.

When the data on commuting flows become available from 1980 census tabulations, the new standards will be applied to the areas existing on January 1, 1980, and the boundaries, definitions, and titles for all SMSA's will be reviewed.

To aid users who want to become familiar with the SMSA standards and how they are applied, documents are available from the Office of Management and Budget, Washington, D.C. 20503.

BOUNDARY CHANGES

The boundaries of some of the areas shown in this series of reports have

changed between an earlier census and January 1, 1980. Information on boundary changes for incorporated places is presented in table 4 of the 1980 Census of Population report, *Characteristics of the Population, Number of Inhabitants*, PC80-1-A. For information on boundary changes prior to 1970, see the *Number of Inhabitants* report for each census.

AREA MEASUREMENT

Area measurement figures for standard metropolitan statistical areas, central cities, and places of 50,000 inhabitants or more can be found in the 1980 Census of Population report, PC80-1-A1, United States Summary.

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GENERAL

The 1980 census was conducted primarily through self-enumeration. The principal

determinant for the responses was, therefore, the questionnaire and its accompanying instruction guide. Furthermore, census takers were instructed, in their telephone and personal-visit interviews, to read the questions directly from the questionnaire. The definitions and explanations given below for each subject are drawn largely from various technical and procedural materials used in the collection of the data. These materials helped the census interviewers to understand more fully the intent of each question, and thus to resolve problems or unusual cases in a manner consistent with this intent. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.

Facsimiles of the questionnaire pages containing the population and housing questions used to produce the data shown in this report and the pages of the respondent instruction guide which relate to these questions are presented in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages."

LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house, mobile home or trailer). However, living quarters may also be in structures intended for non-residential use (e.g., the rooms in a warehouse where a night guard lives), as well as in boats, tents, vans, etc.

Housing Units—A housing unit is a house, an apartment, a group of rooms, or a single room occupied as a separate living quarters or, if vacant, intended for occupancy as a separate living quarters. Separate living quarters are those in which the occupants live and eat separately from

any other persons in the building and which have direct access from the outside of the building or through a common hall. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the next section on Group Quarters). For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If that information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing unit inventory except that boats, tents, vans, caves, and the like are included only if they are occupied as someone's usual place of residence. Vacant mobile homes are included, provided they are intended for occupancy on the site where they stand. Vacant mobile homes on dealers' sales lots, at the factory, or in storage are excluded from the housing inventory.

Comparability With 1970 Census Housing Unit Data—Although the 1980 census data are generally comparable with 1970 census data, certain changes were introduced for 1980. The part of the 1970 housing unit definition that required a unit to have either (1) direct access or (2) complete kitchen facilities was modified. For 1980, the complete kitchen facilities alternative was dropped, and direct access was required of all housing units. In 1970, vacant mobile homes were not counted as housing units. For 1980, they were included in the housing inventory provided they were intended for occupancy on the site where they stood.

Group Quarters—Group quarters are any living quarters which are not classified as housing units. There are two types of group quarters: (1) institutional group quarters, and (2) noninstitutional group quarters. Institutional group quarters are living quarters occupied by one or more persons under care or custody, such as children in an orphanage, persons in a nursing home, and prisoners in a penitentiary. Noninstitutional group quarters include living quarters such as college-owned and/or operated dormitories, fraternity and sorority houses, nurses' dormitories, and boarding houses. In addition, noninstitutional group quarters include any living

quarters (other than those classified as institutional group quarters) which are occupied by 9 or more persons unrelated to the householder (person listed in column 1 of the census questionnaire), or by 10 or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

Comparability With 1970 Census Group Quarters Data—In 1970 a unit was classified as group quarters if it was shared by the person in charge and five or more persons unrelated to him or her, or if there was no person in charge, by six or more unrelated persons. For 1980 that requirement was raised to 9 or more persons unrelated to the person listed in column 1 of the census questionnaire or 10 or more unrelated persons.

Rules for Hotels, Rooming Houses, Etc.—Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or who have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have direct access, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain eight or fewer roomers unrelated to the householder, they are classified as one housing unit. If the combined quarters contain nine or more roomers unrelated to the householder or person in charge, they are classified as group quarters.

Staff Living Quarters—The living quarters occupied by staff personnel within any group quarters are separate housing units if they satisfy the housing unit criteria of separateness and direct access; otherwise, they are considered as group quarters.

Year-Round Housing Units—Data on housing characteristics in the 1980 census reports are limited to year-round housing units; i.e., all occupied units plus vacant

units available or intended for year-round use. Vacant units intended for seasonal occupancy and vacant units held for migratory labor are excluded because of the difficulty of obtaining reliable data on their characteristics.

OCCUPANCY AND VACANCY CHARACTERISTICS

Occupied Housing Units—A housing unit is classified as occupied if it is the usual place of residence of the person or group of persons living in it at the time of enumeration, or if the occupants are only temporarily absent; e.g., away on vacation. If all the persons staying in the unit at the time of the census have their usual place of residence elsewhere, the unit is classified as vacant. A household includes all the persons who occupy a housing unit as their usual place of residence. By definition, therefore, the number of occupied housing units equals the number of households in the 1980 Census of Population reports.

In this report the numbers shown for occupied housing units are estimates based on a sample. In some cases there may be small differences between figures on occupied housing units shown here and comparable figures on households in the Census of Population reports. These differences may result from processing procedures used to inflate the population and housing sample data.

Householder—One person in each household is designated as the "householder." In most cases, this is the person, or one of the persons, in whose name the home is owned or rented and who is listed in column 1 of the census questionnaire. If there is no such person in the household, any adult household member could be designated as the "householder."

Child—A child is a son, daughter, stepchild, or adopted child of the householder regardless of the child's age or marital status. The category excludes sons-in-law and daughters-in-law. In this report, those classified as "own children" are sons and daughters, including stepchildren and adopted children, of the householder who are single (never married) and under 18 years of age.

Nonrelative—A nonrelative is any person in the household not related to the householder by birth, marriage, or adoption. Roomers, boarders, partners, roommates, paid employees, wards, and foster children are classified as nonrelatives. This report shows the number of households with one or more nonrelatives present in the unit.

Age of Householder—The age classification is based on the age of the person in completed years as of April 1, 1980. The data on age represent the difference, as calculated in the computer, between date of birth and April 1, 1980.

Household Type—Statistics by age of householder are presented separately for the following household types:

Married-couple families. For each household of this type, the householder and his or her spouse are enumerated as members of the same household. This category includes couples in formal marriages as well as in common-law marriages.

Male householder, no wife present. This type includes any household maintained by a male, regardless of his marital status, provided no wife is present in the household. Included are male householders who have no wife; male householders whose wives live elsewhere because of separation (marital discord) or other reason; and male householders who are widowed, divorced, or single.

Female householder, no husband present. This type includes any household maintained by a female, regardless of her marital status, provided no husband is present in the household. Included are female householders who have no husband and female householders whose husbands live elsewhere, as, for example, husbands in the Armed Forces living on a military base and female householders who are widowed, divorced, or single.

This report presents data on selected characteristics for one-person households, separately for male and female householders.

Year Householder Moved Into Unit—Data presented for this item are based on the in-

formation reported for the householder and refer to the year of the latest move. If the householder moved back into a unit the person previously occupied, the year of the latest move was reported. If the householder moved from one apartment to another in the same building, the year the householder moved into the present apartment was reported. The intent is to establish the year the present occupancy by the householder began. The year in which a householder moved is not necessarily the same year as the year other members of the household moved, although in the majority of cases the entire household moved at the same time (see question H19 in appendix E).

Vacant Housing Units—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. Units temporarily occupied at the time of enumeration entirely by persons who have a usual residence elsewhere are also classified as vacant.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if they are open to the elements; i.e., the roof, walls, windows, and/or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

Vacancy Status—The data on vacancy status were tabulated from responses to questionnaire item C (see item C in appendix E). The data presented in this report are for year-round housing units "Vacant for sale only" and "Vacant for rent."

For sale only. Vacant year-round units being offered "For sale only," including individual units in cooperatives and condominium projects if the individual units are offered "For sale only."

For rent. Vacant year-round units offered "For rent," and vacant units offered either for rent or for sale.

Duration of Vacancy—The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration (see item D in appendix E). The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

Tenure—A housing unit is "Owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. All other occupied units are classified as "Renter occupied," including units rented for cash rent and those occupied without payment of cash rent (see question H8 in appendix E).

Condominium Housing Units—A condominium involves ownership that enables a person to own an apartment or house in a development of similar units and to hold a common or joint ownership in common areas, hallways, entrances, elevators, etc. The owner has a deed to the individual unit, and, very likely, a mortgage on the unit. A condominium housing unit need not be occupied by the owner to be counted as such (see question H9 in appendix E).

Comparability With 1970 Census Condominium Housing Unit Data—In 1970, owner-occupied cooperatives and condominium housing units were identified together. The 1980 census identifies only condominium housing units. The 1980 question provides data on vacant and renter-occupied condominium housing units, not just owner-occupied condominium housing units as in 1970.

Race of the Householder—The data on race of the householder were derived from the answer to question 4, for the person listed in column 1 of the census questionnaire (see appendix E). The concept of race as used by the Census Bureau reflects self-identification by respondents; it does not denote any clear-cut scientific definition of biological stock. Since the 1980 census obtained information on race through self-identification, the data represent self-classification by people according

to the race with which they identify. In this report, data are presented for housing units classified by the race of the householder.

For persons who could not provide a single response to the race question, the race of the person's mother was used; if, however, a single response could not be provided for the person's mother, the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The category "White" includes persons who indicated their race as White, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire but entered a response such as Canadian, German, Italian, Lebanese, or Polish. In the 1980 census, persons who did not classify themselves in one of the specific race categories but marked "Other" and/or wrote in entries such as Cuban, Puerto Rican, Mexican, or Dominican were included in the "Other" race category. In the 1970 census, most of these persons were included in the "White" category.

The category "Black" includes persons who indicated their race as Black or Negro, as well as persons who did not classify themselves in one of the specific race categories listed in the questionnaire but reported entries such as Jamaican, Black Puerto Rican, West Indian, Haitian, or Nigerian.

The category "American Indian, Eskimo, or Aleut" includes persons who classified themselves as such in one of the specific race categories. In addition, persons who did not report themselves in one of the specific race categories but entered the name of an Indian tribe or wrote in such entries as Canadian Indian, French-American Indian, or Spanish-American Indian were classified as "American Indian."

The category "Asian or Pacific Islander" includes persons who indicated their race as Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Samoan, and Guamanian, as well as persons who provided write-in entries of Asian and Pacific Islander groups such as Cambodian, Laotian, Pakistani, or Fijian under the "Other" race category. Also, persons who did not classify themselves in one of the specific race categories but wrote in an entry indicating one of the nine specific categories listed above (e.g., Chinese or Filipino) were classified accordingly. For example, entries of Nipponese and

Japanese American were classified as Japanese, entries of Taiwanese and Cantonese as Chinese, etc. "Race, n.e.c." includes all other persons not in the categories "White," "Black," "American Indian, Eskimo, or Aleut," and "Asian or Pacific Islander." Persons reporting in the "Other" race category and providing write-in entries such as Eurasian, Cosmopolitan, Interracial, or a Spanish origin group (e.g., Mexican, Cuban, or Puerto Rican) were included in "Race, n.e.c."

If the race entry for the householder was missing on the questionnaire, an answer was assigned in the computer according to the reported entries of race of other household members using specific rules of precedence of household relationship. If race was not entered for anyone in the household (excluding paid employees), the race of a householder in a previously processed household was assigned. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

Comparability Between Sample and 100-Percent Data for Race of the Householder—Estimates of the number of householders by race shown in this report may differ from complete count figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and an additional edit and review performed on the sample questionnaires. Sampling variability and nonsampling error are explained in Appendix D, "Accuracy of the Data." The effect of the additional edit and review procedures varies substantially by racial group and geographic area but is generally negligible. A discussion of these procedures may be found in Series HC80-1-B, *Detailed Housing Characteristics*, and PC80-1-C, *Social and Economic Characteristics of the Population*.

Comparability With 1970 Census Data on Race of the Householder—Differences in census procedures and reporting by respondents in the 1980 census and 1970 census seriously affect the comparability for certain race groups. First, a large number of Spanish origin persons reported their race differently in the 1980 census than in the 1970 census. This difference in reporting has a substantial impact on the population totals and

comparability for the "White" population and the "Race, n.e.c." or "Other" race populations (shown as "All other races" in most 1970 publications). A much larger proportion of the Spanish origin population in 1980 than in 1970 reported their race in the questionnaire category "Other." Second, in 1970, most persons who marked the "Other" race category and wrote in a Spanish designation such as Mexican, Venezuelan, Latino, etc., were reclassified as "White." In 1980, such persons were not reclassified but remained in the "Other" race category. As a result of this procedural change and the differences in reporting by this population, the proportion of the Spanish origin population classified as "Other" race in the 1980 census was substantially higher than that in the 1970 census. Nationally in 1970, only 1 percent of the Spanish origin persons were classified as "Other" race and 93 percent as "White." The 1980 census sample data showed a much larger proportion—38 percent—of the Spanish origin persons reported their race as "Other" and only 58 percent reported "White." As a consequence of these differences, 1980 householder totals for "White" and "Race, n.e.c." are not comparable with corresponding 1970 figures.

The 1980 census was the first in which data were collected separately for Eskimos and Aleuts in all States. In 1970, these data were available only for Alaska. Since Eskimos and Aleuts are highly concentrated in Alaska, these changes do not seriously affect the comparability of 1980 and 1970 data for these racial groups at the national level.

The 1980 total for the Asian and Pacific Islander population reflects a high level of immigration during the 1970's as well as a number of changes in census procedures which were developed, in part, as a result of this high level of immigration. First, the number of Asian and Pacific Islander categories listed separately on the 1980 census questionnaire was expanded over that in 1970 to include four additional groups: Vietnamese, Asian Indian, Guamanian, and Samoan. Asian Indians were classified as "White" in 1970 but were included in the "Asian and Pacific Islander" category in 1980. The Vietnamese, Guamanian, and Samoan populations were included in the "Other" race

category in the 1970 census but were included in the "Asian and Pacific Islander" category in 1980. Second, "Other Asian and Pacific Islander" groups such as Cambodian, Laotian, Pakistani, and Fijian were identified and tabulated as Asian and Pacific Islander in sample tabulations in the 1980 census; in 1970, most of these groups were included in the "Other" race category.

In 1980, data were collected separately for Hawaiians and Koreans in all States, but in 1970 data for the two groups were not collected for Alaska. (On the 1970 census questionnaire used in Alaska, Eskimo and Aleut were substituted for these two categories.) Since the numbers of Hawaiians and Koreans were small in Alaska, this questionnaire change does not have a major impact on the comparability of the 1980 and 1970 data for Hawaiians and Koreans at the national level.

Spanish/Hispanic Origin of the Householder—The data on Spanish/Hispanic origin or descent of householder were derived from answers to question 7, for the person listed in column 1 of the census questionnaire (see appendix E).

Persons of Spanish/Hispanic origin or descent are those who reported either Mexican, Puerto Rican, Cuban, or other Spanish/Hispanic origin in question 7. Persons who reported "Other Spanish/Hispanic" origin are those whose origin is from Spain or the Spanish-speaking countries of Central or South America, or they are persons identifying their origin or descent as being Spanish, Spanish-American, Hispano, Latino, etc. Origin or descent can be regarded as the ancestry, nationality group, lineage, or country in which the person or person's parents or ancestors were born before their arrival in the United States. It is important to note that persons of Spanish origin may be of any race. In this report, data are presented for housing units classified by the Spanish origin of the householder.

Persons of more than one Spanish origin and persons of both a Spanish and another origin who were in doubt as to how to report a specific origin were classified according to the origin of the person's mother. If a single origin could not be provided for the person's mother, the first origin reported by the person was recorded.

If the householder failed to respond to the Spanish/Hispanic origin question, a response was assigned by computer in the

sample edit operation according to available related information such as ancestry and place of birth reported for the householder. If such information was not reported, origin was assigned from entries of other household members using specific rules of precedence of household relationship. If no origin was reported for any household member (excluding a paid employee), then an origin was assigned from another household with a householder of the same race. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

Limitations of the Data on Householders of Spanish/Hispanic Origin—A preliminary evaluation study of the reporting in the 1980 census item on Spanish origin indicated that there was misreporting in the Mexican origin category by White and Black persons in certain areas. The study results showed evidence that the misreporting occurred mainly in the South (excluding Texas), the Northeast (excluding the New York City area), and a few States in the North Central Region. Also, results based on available data suggest that the impact of potential misreporting of Mexican origin in the 1980 census is severe in those portions of the above-mentioned regions where the Spanish origin population is generally sparse. However, 1980 census data on the Mexican origin population or total Spanish origin population, at the national level, are not seriously affected by the reporting problem. For a more detailed discussion of the evaluation of the Spanish origin item, see the 1980 Population Census Supplementary reports, Series PC80-S1-7, "Persons of Spanish Origin by State: 1980."

Comparability Between Sample and 100-Percent Data on Householders of Spanish/Hispanic Origin—The data on householders of Spanish origin shown in this report may differ from comparable figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and more extensive edit procedures performed for the Spanish origin item on the sample questionnaires. The data in this report are based on a sample, whereas certain other reports (e.g., the HC80-1-A series) present data based on 100-percent tabulations. Sample data are subject to sampling variability, as explained in Appendix D, "Accuracy of the Data."

Information now available indicates that, since the effects of the more extensive edit were generally limited, the 100-percent tabulations are usually the preferable source for data on householders of Spanish origin. That is, in the case of figures available for Spanish origin groups, both in this report and for corresponding areas in the HC80-1-A report, the latter source is usually the preferred one. In the case of distributions for subjects covered only on a sample basis (e.g., units in structure, mortgage status and selected monthly owner costs, gross rent, etc.), the sample figures are the only data available and should be used within the context of the sampling variability associated with them.

Comparability With 1970 Census Data on Householders of Spanish Origin and Householders of Spanish Heritage—The 1980 census figures on householders of Spanish origin are not directly comparable with the 1970 census data on householders of Spanish origin because of a number of factors; namely, overall improvements in the 1980 census, better coverage of the population, improved question design, and an effective public relations campaign by the Census Bureau with the assistance of national and community ethnic groups. These efforts at census improvements explain, in part, the large increase in the number of Hispanics over 1970. Also, these efforts undoubtedly resulted in the inclusion of a sizable but unknown number of persons of Spanish/Hispanic origin who are in the country in other than legal status.

In the 1980 census Spanish origin question, specific changes in design from the 1970 question included the placement of the category "No (not Spanish/Hispanic)" as the first category in that question. (The corresponding category appeared last in the 1970 question.) Also, the 1970 category "Central or South American" was deleted from the 1980 question because in 1970 some respondents misinterpreted the category. Furthermore, the designations "Mexican-American" and "Chicano" were added to the Spanish origin question in 1980. In the 1970 census, the question on Spanish origin was asked of only a 5-percent sample of the population; in the 1980 census, the Spanish origin question was asked of everyone in the Nation.

The 1970 Census *Metropolitan Housing Characteristics* reports present data on housing units occupied by householders of Spanish heritage. In the 1970 census, the

category Spanish heritage was created to consolidate data for Spanish ancestry persons in various parts of the United States. The Spanish heritage population, therefore, was specifically termed when reference was made to particular areas. For example, in five southwestern States (Arizona, California, Colorado, New Mexico, and Texas) the population of Spanish heritage was specified as the population of Spanish language or surname; in three mid-Atlantic States (New York, New Jersey, and Pennsylvania), as the population of Puerto Rican birth or parentage; and in the remaining 42 States and the District of Columbia, as the population of Spanish language. The information for the population of Spanish heritage was obtained from the 15-percent sample of the census questionnaires. Data for this group of householders are not comparable to the 1980 census data on householders of Spanish origin which were based only on responses to the specific census question on Spanish/Hispanic origin for the person listed in column 1 of the census questionnaire.

UTILIZATION CHARACTERISTICS

Persons—All persons occupying the housing unit are included. These persons include not only occupants related to the householder but also any lodgers, roomers, boarders, partners, roommates, wards, foster children, and resident employees who share the living quarters of the householder. The data on "Persons in unit" show the number of housing units occupied by the specified number of persons. "Total persons" is the total number of persons living in the housing units in the particular category.

Rooms—The statistics on "Rooms" are in terms of the number of housing units with a specified number of rooms (see question H7 in appendix E). The intent of this question is to count the number of whole rooms used for living purposes. For each unit they include living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, enclosed porches suitable for year-round use, and lodger's rooms. Excluded are strip or pullman kitchens, bathrooms, open porches, balconies, halls, half-rooms, utility rooms, unfinished attics or basements, or other unfinished space used for storage. A partially divided room is a separate room only if there is a partition from floor to ceiling.

Persons Per Room—"Persons per room" is a derived measure obtained by dividing the

number of persons in each occupied housing unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of occupied housing units having the specified ratio of persons per room.

Bedrooms—The number of "Bedrooms" in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping, such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a sofa bed, are not considered bedrooms. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified, by definition, as having no bedroom (see question H24 in appendix E).

STRUCTURAL CHARACTERISTICS

Year Structure Built—"Year structure built" refers to when the building was first constructed, not when it was remodeled, added to, or converted. For a houseboat or mobile home or trailer, the manufacturer's model year is assumed to be the year built. The figures shown in this report relate to the number of units in structures built during the specified periods and in existence at the time of enumeration (see question H18 in appendix E).

Units in Structure—A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential buildings. The category "Mobile home or trailer, etc." includes mobile homes, trailers, boats, tents, vans, etc. (see question H13 in appendix E).

Stories in Structure—The count of stories (floors) in structure includes basements or attics if these contain finished rooms for living purposes (see question H14a in appendix E).

Passenger Elevator—Statistics on elevator in structure are presented for housing units in structures with four or more stories or floors. If the housing units in structures with four or

more stories have an elevator used only for freight, the units are not included in the category "With elevator" (see question H14b in appendix E).

PLUMBING CHARACTERISTICS

Plumbing Facilities—The category "Complete plumbing for exclusive use" consists of units which have hot and cold piped water, a flush toilet, and a bathtub or shower inside the housing unit for the exclusive use of the occupants of the unit. "Lacking complete plumbing for exclusive use" includes those conditions when (1) all three specified plumbing facilities are present inside the unit, but are also used by another household; (2) some but not all the facilities are present; or (3) none of the three specified plumbing facilities is present (see question H6 in appendix E).

Comparability With 1970 Census Plumbing Facilities Data—In 1970, there were separate questions on the presence of hot and cold piped water, a bathtub or shower, and a flush toilet. For 1980, these three items were combined into a single question on plumbing facilities. In addition, the facilities must be inside the housing unit rather than inside the structure as in 1970.

EQUIPMENT AND FUELS

Heating Equipment—Respondents were asked to report the type of heating equipment used as the primary source of heat for their housing unit. The categories shown in the report are: (1) steam or hot water system; (2) central warm-air furnace or electric heat pump; (3) other built-in electric units; (4) floor, wall, or pipeless furnace; and (5) other means. "Other means" includes room heaters with flue or vent that burn gas, oil, or kerosene; nonportable room heaters without flue or vent that burn gas, oil, or kerosene; and fireplaces, stoves, or portable room heaters of any kind that can be picked up and moved. A central heating system includes types (1) through (4) listed above. For vacant units which have had the heating equipment removed, the kind of equipment used by the previous occupants is considered to be the heating equipment for the unit (see question H20 in appendix E).

Comparability With 1970 Census Heating Equipment Data—In 1970, central

heat pumps were included as part of the category "Warm-air furnace" and individual room heat pumps were included in the category "Built-in electric units." In 1980, heat pumps have been combined and are included in this report in the category "Central warm-air furnace or electric heat pump."

Air Conditioning—"Air conditioning" is defined as the cooling of air by a refrigeration unit. It does not include evaporative coolers, fans, or blowers which are not connected to a refrigeration unit; however, it does include heat pumps. A central system is an installation which air conditions a number of rooms. In an apartment building, such a system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A system with individual room controls is a central system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room (see question H27 in appendix E).

Vehicles Available—Data for this item refer to the number of households with vehicles available at home for the use of the members of the household. Included in this item are passenger cars, pickup trucks, small panel trucks of one-ton capacity or less, as well as station wagons, company cars, and taxicabs kept at home for use of household members. Cars rented or leased for 1 month or more; police and government cars kept at home; and company vans and trucks of 1-ton capacity or less are also included if kept at home and used for nonbusiness purposes. Dismantled cars, immobile cars used as a source of power for some piece of machinery, and cars, vans, and trucks kept at home but used only for business purposes are excluded. The statistics do not reflect the number of vehicles privately owned or the number of households owning vehicles (see questions H28 and H29 in appendix E).

Comparability With 1970 Census

Automobiles Available Data—In 1970, only data on the number of households with automobiles which were owned or regularly used by members of the household were obtained. Taxicabs, pickups, or large trucks were not counted. In 1980, the data on automobiles available include taxicabs if kept at home for use of household members but exclude pickups or larger trucks. Separate

data were obtained in 1980 on the number of housing units with vans or trucks of 1-ton capacity or less kept at home for use of members of the household.

Fuels Used for House Heating and Water Heating—"Utility gas" is gas piped through underground pipes from a central system that serves the neighborhood. "Bottled, tank, or LP gas" is stored in tanks which are refilled or exchanged when empty. "Fuel oil, kerosene, etc." includes fuel oil, kerosene, gasoline, alcohol, and other combustible liquids. For data on house heating fuel, the category "Other" includes any other fuel such as purchased steam, coal dust, briquettes made of pitch and sawdust, waste materials such as corn cobs, etc. For data on water heating fuel, the category "Other" also includes coal or coke, and wood (see question H21 in appendix E).

FINANCIAL CHARACTERISTICS

Value—Value is the respondent's estimate of how much the property (house and lot) would sell for, if it were for sale (see question H11 in appendix E).

Value is tabulated for certain kinds of housing units. Value statistics are presented for "Specified owner-occupied" housing units. These "specified" housing units include only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. The "Specified owner-occupied" universes are the same for the value tabulation and the mortgage status and selected monthly owner costs tabulation.

Price Asked—For vacant for sale only housing units, the price asked is the amount asked for the property at the time of enumeration. The statistics on price asked are shown for "Specified vacant for sale only" housing units, which include vacant for sale only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data also exclude condominium units and mobile homes.

Mortgage Status and Selected Monthly Owner Costs—The data are presented for "Specified owner-occupied" housing units. These "specified" housing units include only

one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. Separate distributions of owner costs are shown for units "With a mortgage" and for units "Not mortgaged." Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, or similar debts on the property; real estate taxes; fire and hazard insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.) (see questions H30, H31, and H32 in appendix E).

Mortgage Status and Selected Monthly Owner Costs as a Percentage of Household Income in 1979

Selected monthly housing costs is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same owner-occupied units for which selected monthly owner costs was tabulated; thus, the statistics reflect the exclusion of certain owner-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units occupied by households that reported no income or a net loss comprise the category "Not computed."

Rent—The statistics on rent are tabulated for "Specified renter-occupied" housing units and for "Specified vacant for rent" housing units which include renter units except one-family houses on 10 or more acres. Respondents were asked to report rent only for the housing unit enumerated and to exclude any rent paid for additional units or for business premises. Renter units occupied without payment of cash rent are shown separately as "No cash rent" in the rent tabulations.

Contract Rent. "Contract rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included (see question H12 in appendix E).

Gross Rent. The computed rent termed "Gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are

paid for by the renter (or paid for the renter by someone else) in addition to rent. Gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuels as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but are converted to monthly figures in the computation process (see questions H12 and H22 in appendix E).

Rent Asked. For "Specified vacant for rent" housing units, the rent asked is the amount asked for the rental of the unit at the time of enumeration.

Gross Rent as a Percentage of Household Income in 1979

Monthly gross rent is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units for which no cash rent is paid and units occupied by households that reported no income or a net loss comprise the category "Not computed."

Household Income in 1979

Household income is the sum of the money income of all persons 15 years old and over occupying the housing unit, including persons not related to the householder. Data on income are based on money income received in the calendar year 1979. Income is the algebraic sum of the amounts reported separately for wage and salary income; nonfarm net self-employment income; farm net self-employment income; interest, dividend, net rental or royalty income; Social Security or Railroad Retirement income; public assistance or welfare income; and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, medicare deductions, etc.

Receipts from the following sources were not included as income: money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" from food stamps, public housing subsidies, medical care, employer's contributions for pensions, etc.; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts.

Although the income statistics cover the calendar year 1979, the composition of households refers to the time of enumeration (April 1, 1980). However, the composition of most households was the same during 1979 as in April 1980. There may be differences between the data on household income in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

Median Income—The median income values presented in this report are computed on the basis of more detailed income intervals than shown in the tables. Median income figures of \$30,000 or less are generally calculated using linear interpolation; all other median income amounts are derived through pareto interpolation.

Comparability With 1970 Census Income Data

In 1970, the statistics on income presented in Series HC80-2, *Metropolitan Housing Characteristics* reports related to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Income of persons living in

the unit but not related to the head of household was not included. In 1980, the statistics on income relate to the income of the household; that is, the sum of the income of all persons 15 years old and over occupying a housing unit, including persons not related to the householder.

A discussion on comparability of income data from other sources including earlier censuses may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

Poverty Status in 1979—Households are classified below the poverty level when the total 1979 income of the family or of the non-family householder is below the appropriate poverty threshold. The income of persons living in the household who are unrelated to the householder is not considered when determining the poverty status of a household. The poverty thresholds vary depending upon three criteria: size of family, number of children, and age of the family householder or unrelated individual. The criteria used in the 1980 census differ slightly from those used in the 1970 census, which took into account the same three factors as well as sex of the family householder or unrelated individual and farm-nonfarm residence. In addition, for the 1980 census the thresholds by size of family were extended from seven or more persons to nine or more persons. The income cutoffs are updated each year to reflect the change in the Consumer Price Index. A more detailed explanation of the poverty definition may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

There may be slight differences between the data on poverty status in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

Appendix B.—Definitions and Explanations of Subject Characteristics

Thresholds at the Poverty Level in 1979 by Size of Family and Number of Related Children Under 18 Years

(Figures in dollars. For meaning of symbols, see Introduction)

Size of Family Unit	Weighted average thresholds	Related children under 18 years								
		None	1	2	3	4	5	6	7	8 or more
1 person (unrelated individual).....	3,686	3,686	...	...	...	...	...	...	...	...
Under 65 years.....	3,774	3,774	...	...	...	...	...	...	...	...
65 years and over.....	3,479	3,479	...	...	...	...	...	...	...	...
2 persons.....	4,723	4,723	...	...	...	...	...	...	...	...
Householder under 65 years.....	4,876	4,858	5,000	...	...	...	...	...	...	...
Householder 65 years and over.....	4,389	4,385	4,981	...	...	...	...	...	...	...
3 persons.....	5,787	5,674	5,839	5,844	...	...	...	...	...	...
4 persons.....	7,412	7,482	7,605	7,356	7,382	...	...	...	...	...
5 persons.....	8,776	9,023	9,154	8,874	8,657	8,525	...	...	...	...
6 persons.....	9,915	10,378	10,419	10,205	9,999	9,693	9,512	...	...	...
7 persons.....	11,237	11,941	12,016	11,759	11,580	11,246	10,857	10,429	...	...
8 persons.....	12,484	13,356	13,473	13,231	13,018	12,717	12,334	11,936	11,835	...
9 or more persons.....	14,812	16,066	16,144	15,929	15,749	15,453	15,046	14,677	14,586	14,024

Appendix C.—General Enumeration and Processing Procedures

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USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to the first U.S. census in 1790, each person enumerated in the 1980 census was counted as an inhabitant of his or her "usual place of residence," which is generally construed to mean the place where the person lives and sleeps most of the time. This place is not necessarily the same as the person's legal residence or voting residence. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics, although there might be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishment of residence rules for certain categories of persons whose usual place of residence is not immediately apparent. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be staying on Census Day (April 1). Persons without a usual place of residence, however, were counted where they happened to be staying.

Armed Forces

Members of the Armed Forces living on a military installation were counted, as in every previous census, as residents of the area in which the installation was located; members of the Armed Forces not living on a military installation were counted as residents of the area in which

they were living. Family members of Armed Forces personnel were counted where they were living on Census Day (i.e., with the Armed Forces personnel or at another location, as the case might be).

Each Navy ship was attributed to the municipality that the Department of the Navy designated as its homeport, except for those ships which were deployed to the 6th or 7th Fleet on Census Day. As was done in the 1970 census, naval personnel aboard deployed ships were defined in the 1980 census as part of the overseas population, because deployment to the 6th or 7th Fleet implies a long-term overseas assignment.

In homeports with fewer than 1,000 naval personnel assigned to ships, the crews were counted aboard the ship. In homeports with 1,000 or more naval personnel assigned to ships, the naval personnel who indicated that they had a usual residence within 50 miles of the homeport of their ship were attributed to that residence.

When a homeport designated by the Navy was contained in more than one municipality, ships homeported and berthed there on Census Day were assigned by the Bureau of the Census to the municipality in which the land immediately adjacent to the dock or pier was actually located. Other ships attributed by the Navy to that homeport, but which were not physically present and not deployed to the 6th or 7th Fleet on Census Day, were allocated to the municipality named on the Navy's homeport list.

Crews of Merchant Vessels

Shipboard Census Reports were mailed to crews of merchant vessels through the ships' respective owner-operators based on lists of U.S. flag merchant vessels obtained from the Maritime Administration, U.S. Department of Commerce.

If the ship was berthed in a U.S. port on Census Day, the crew was enumerated as of that port. If the ship was

not berthed in a U.S. port but was inside the territorial waters of the United States, the crew was enumerated as of (a) the port of destination if that port was inside the United States or (b) the homeport of the ship if its port of destination was outside the United States. Crews of U.S. flag vessels which were outside U.S. territorial waters on Census Day and crews of vessels flying a foreign flag were not enumerated in the 1980 census.

Persons Away at School

College students were counted as residents of the area in which they were living while attending college, as they have been since 1950. However, children in boarding schools below the college level were counted at their parental home.

Persons in Institutions

Inmates of institutions, who ordinarily live there for considerable periods of time, were counted as residents of the area where the institution was located. Patients in short-term wards (general, maternity, etc.) of hospitals were counted at their usual place of residence; if they had no usual place of residence, they were counted at the hospital.

Persons Away From Their Residence on Census Day

Persons in hotels, motels, etc., on the night of March 31, 1980, were requested to fill out a census form for assignment of their census information back to their homes if they indicated that no one was at home to report them in the census. A similar approach was used for persons visiting in private residences, as well as for Americans who left the United States during March 1980 via major intercontinental air or ship carriers for temporary travel abroad. In addition, information on persons away from their usual place of residence was obtained from other members of their families, resident managers, neighbors, etc. If an entire household was expected to be

away during the whole period of the enumeration, information on that household was obtained from neighbors. A matching process was used to eliminate duplicate reports for persons who reported for themselves while away from their usual residence and who were also reported at this usual residence by someone else.

A special enumeration was conducted in such facilities as missions, flophouses, jails, detention centers, etc., on the night of April 6, 1980, and persons enumerated therein were counted as residents of the area in which the establishment was located.

Americans Abroad

Americans who were overseas for an extended period (in the Armed Forces, working at civilian jobs, studying in foreign universities, etc.) were not included in the population of any State or the District of Columbia. On the other hand, Americans who were temporarily abroad on vacations, business trips, and the like were counted at their usual residence in the United States.

Citizens of Foreign Countries

Citizens of foreign countries having their usual residence (legally or illegally) in the United States on Census Day, including those working here (but not living at an embassy, ministry, legation, chancellery, or consulate) and those attending school (but not living at an embassy, etc.), were included in the enumeration, as were members of their families living with them. However, citizens of foreign countries temporarily visiting or traveling in the United States or living on the premises of an embassy, etc., were not enumerated in the 1980 census.

DATA COLLECTION PROCEDURES

The 1980 census was conducted primarily through self-enumeration. A census questionnaire was delivered by postal carriers to every housing unit several days before Census Day, April 1, 1980. This questionnaire included explanatory information and was accompanied by an instruction guide. Spanish-language versions of the questionnaire and instruction guide were available on request. The questionnaire

was also available in narrative translation in 32 languages.

In most areas of the United States, altogether containing about 95 percent of the population, the householder was requested to fill out and mail back the questionnaire on Census Day. Approximately 83 percent of these households returned their forms by mail. Households that did not mail back a form and vacant housing units were visited by an enumerator. Households that returned a form with incomplete or inconsistent information that exceeded a specified tolerance were contacted by telephone or, if necessary, by a personal visit, to obtain the missing information.

In the remaining (mostly sparsely settled) area of the country, which contained about 5 percent of the population, the householder was requested to fill out the questionnaire and hold it until visited by an enumerator. Incomplete and unfilled forms were completed by interview during the enumerator's visit. Vacant units were enumerated by a personal visit and observation.

Each housing unit in the country received one of two versions of the census questionnaire: a short-form questionnaire containing a limited number of basic population and housing questions or a long-form questionnaire containing these basic questions as well as a number of additional questions. A sampling procedure was used to determine those units which were to receive the long-form questionnaire. Two sampling rates were employed. For most of the country, one in every six housing units (about 17 percent) received the long form or sample questionnaire; in counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 inhabitants, every other housing unit (50 percent) received the sample questionnaire to enhance the reliability of sample data in small areas.

Special questionnaires were used for the enumeration of persons in group quarters such as colleges and universities, hospitals, prisons, military installations, and ships. These forms contained the population questions but did not include any housing questions. In addition to the regular census questionnaires, the Supplementary Questionnaire for American Indians was used in conjunction with the short form on Federal and State reservations and in the historic areas of

Oklahoma (excluding urbanized areas) for households that had at least one American Indian, Eskimo, or Aleut household member.

PROCESSING PROCEDURES

The 1980 census questionnaires were processed in a manner similar to that for the 1970 and 1960 censuses. They were designed to be processed electronically by the Film Optical Sensing Device for Input to Computer (FOSDIC). For most items on the questionnaire, the information supplied by the respondent or obtained by the enumerator was indicated by marking the answers in predesignated positions that would be "read" by FOSDIC from a microfilm copy of the questionnaire and transferred onto computer tape with no intervening manual processing. The computer tape did not include information on individual names and addresses.

The data processing was performed in two stages. For 100-percent data, all short forms, and pages 2 and 3 of the long forms (which have the same questions as the short form), were microfilmed, "read" by FOSDIC, and transferred onto computer tape for tabulation. For the sample data, the long form (or sample) questionnaires were processed through manual coding operations since some questions required the respondent to provide write-in entries which could not be read by FOSDIC. Census Bureau coders assigned alphabetical or numerical codes to the write-in answers in FOSDIC readable code boxes on each questionnaire. After all coding was completed, the long forms were microfilmed, and the film was "read" by FOSDIC and transferred onto computer tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing and tabulation steps. Among the products of this operation were computer tapes from which the tables in this report (and most others in the 1980 census publications) were prepared on phototypesetting equipment at the Government Printing Office.

A more detailed description of the data collection and processing procedures can be obtained from the 1980 Census of Population and Housing, *Users' Guide*, PHC80-R1.

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INTRODUCTION

The data presented in this publication are based on the 1980 census sample. The data are estimates of the actual figures that would have resulted from a complete count. Estimates can be expected to vary from the complete count result because they are subject to two basic types of error—sampling and nonsampling. The sampling error in the data arises from the selection of persons and housing units to be included in the sample. The nonsampling error is the result of all other errors that may occur during the collection and processing phases of the census. A more detailed discussion of both sampling and nonsampling error and a description of the estimation procedure are given in this appendix.

SAMPLE DESIGN

While every person and housing unit in the 1980 census was enumerated on a

questionnaire that requested certain basic demographic information (e.g., age, number of rooms in living quarters, monthly rent), a sample of persons and housing units was enumerated on a questionnaire that requested additional information. The basic sampling unit for the 1980 census was the housing unit, including all occupants. For persons living in group quarters, the sampling unit was the person. Two sampling rates were employed. In counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 persons (based on precensus estimates), one-half of all housing units and persons in group quarters were to be included in the sample. In all other areas, one-sixth of the housing units or persons in group quarters were sampled. The purpose of this scheme was to provide relatively more reliable estimates for small areas. When both sampling rates were taken into account across the Nation, approximately 19 percent of the Nation's housing units were included in the census sample.

The sample designation method depended on the data collection procedures. In areas containing about 95 percent of the population the census was taken by the mailout/mailback procedure. For these areas, the Bureau of the Census either purchased a commercial mailing list which was updated and corrected by Census Bureau field staff, or prepared a mailing list by canvassing and listing each address in the area prior to Census Day. These lists were computerized, and every sixth unit (for 1-in-6 areas) or every second unit (for 1-in-2 areas) was designated as a sample unit by computer. Both of these lists were also corrected by the Post Office.

In non-mailout/mailback areas, a blank listing book with designated sample lines (every sixth or every second line) was prepared for the enumerator. Beginning about Census Day, the enumerator sys-

tematically canvassed the area and listed all housing units in the listing book in the order they were encountered. Completed questionnaires, including sample information for any housing unit which was listed on a designated sample line, were collected.

In both types of data collection procedure areas, an enumerator was responsible for a small geographic area known as an enumeration district, or ED. An ED usually represented the average workload area for one enumerator.

ERRORS IN THE DATA

Since the data in this publication are based on a sample, they may differ somewhat from complete-count figures that would have been obtained if all housing units, persons within those housing units, and persons living in group quarters had been enumerated using the same questionnaires, instructions, enumerators, etc. The deviation of a sample estimate from the average of all possible samples is called the sampling error. The standard error of a survey estimate is a measure of the variation among the estimates from the possible samples and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The sample estimate and its estimated standard error permit the construction of interval estimates with prescribed confidence that the interval includes the average result of all possible samples. The method of calculating standard errors and confidence intervals for the data in this report is given below.

In addition to the variability which arises from the sampling procedures, both sample data and complete-count data are subject to nonsampling error. Nonsampling error may be introduced during each of the many extensive and complex

operations used to collect and process census data. For example, operations such as editing, reviewing, or handling questionnaires may introduce error into the data. A more detailed discussion of the sources of nonsampling error is given in the section on "Control of Nonsampling Error" in this appendix.

Nonsampling error may affect the data in two ways. Errors that are introduced randomly will increase the variability of the data and should therefore be reflected in the standard error. Errors that tend to be consistent in one direction will make both sample and complete-count data biased in that direction. For example, if respondents consistently tend to under-report their income, then the resulting counts of households or families by income category will be skewed toward the lower income categories. Such biases are not reflected in the standard error.

Calculation of Standard Errors

Totals and Percentages—Tables A through D in this appendix contain the information necessary to calculate the standard errors of sample estimates in this report. In order to perform this calculation, it is necessary to know the unadjusted standard error for the characteristic, given in table A or B, that would result under a simple random sample design (of persons, families, or housing units) and estimation technique; the adjustment factor for the particular characteristic estimated, given in table C; and the number of housing units in the tabulation area and the percent of these in sample, given in table D. The adjustment factors reflect the effects of the actual sample design and complex ratio estimation procedure used for the 1980 census.

To calculate the approximate standard error of an estimate for a geographic area, follow the steps given below:

- Obtain the unadjusted standard error from table A or B (or from the formula given below the table) for the estimated total or percentage, respectively.
- Find the geographic area with which you are working in table D and obtain the housing unit "percent in sample" figure for this area.
- Use table C to obtain the factor for the characteristics (e.g., air-

conditioning, year structure built) and the range that contains the percent-in-sample with which you are working. Multiply the unadjusted standard error by this factor. If the estimate is a cross-tabulation of more than one characteristic, use the largest factor.

As is evident from the formula below tables A and B, the unadjusted standard errors of zero estimates or of very small estimated totals or percentages approach zero. This is also the case for very large percentages or estimated totals that are close to the size of the tabulation areas to which they correspond. These estimated totals and percentages are, nevertheless, still subject to sampling and non-sampling variability, and an estimated standard error of zero (or a very small standard error) is not appropriate.

For estimated percentages that are less than 2 or greater than 98, use the *unadjusted* standard errors in table B that appear in the "2 or 98" row. For an estimated total that is less than 50 or within 50 of the total size of the tabulation area, use an *unadjusted* standard error of 16.

An illustration of the use of the tables is given in a later section of this appendix.

Differences—The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference the tables are to be used somewhat differently in the following three situations:

- For the difference between a sample estimate and a complete-count value, use the standard error of the sample estimate.
- For the difference between (or sum of) two sample estimates, the appropriate standard error is approximately the square root of the sum of the two individual standard errors squared; that is, for standard errors Se_x and Se_y of estimates x and y :

$$Se_{(x+y)} = Se_{(x-y)} = \sqrt{(Se_x)^2 + (Se_y)^2}$$

This method, however, will underestimate (overestimate) the standard error if the two items in a sum are highly positively (negatively)

correlated or if the two items in a difference are highly negatively (positively) correlated. This method may also be used for the difference between (or sum of) sample estimates from two censuses or between a census sample and another survey. The standard error for estimates not based on the 1980 census sample must be obtained from an appropriate source outside of this publication.

- For the difference between two estimates, one of which is a subclass of the other, use the tables directly where the calculated difference is the estimate of interest.

Means—The standard error of a mean depends upon the variability of the distribution on which the mean is based, the size of the sample, the sample design (e.g., the use of households as a sampling unit), and the estimation procedure used.

An approximation to the standard error of the mean may be obtained as follows: compute the variance of the distribution on which the mean is based; multiply this value by five and divide the product by the total count of units in the distribution; obtain the square root of this quotient and multiply the result by the adjustment factor from table C that is appropriate for the characteristic on which the mean is based.

Medians—For the standard error of a median of a characteristic, it is necessary to examine the distribution from which the median is derived, as the size of the base and the distribution itself affect the standard error. An approximate method is given here. As the first step, compute one-half of the number on which the median is based (refer to this result as $N/2$). Treat $N/2$ as if it were an ordinary estimate and obtain its standard error as instructed above using tables A, C, and D. Compute the desired confidence interval about $N/2$. Starting with the lowest value of the characteristic, cumulate the frequencies in each category of the characteristic until the sum equals or first exceeds the lower limit of the confidence interval about $N/2$. By linear interpolation, obtain a value of the characteristic corresponding to this sum. This is the lower limit of the confidence interval of the median. In a similar manner, cumulate frequencies starting from

the highest value of the characteristic until the sum equals or exceeds the count in excess of the upper limit of the interval about $N/2$. Interpolate as before to obtain the upper limit of the confidence interval for the estimated median.

Confidence Intervals

A sample estimate and its estimated standard error may be used to construct confidence intervals about the estimate. These intervals are ranges that will contain the average value of the estimated characteristic that results over all possible samples, with a known probability. For example, if all possible samples that could result under the 1980 census sample design were independently selected and surveyed under the same conditions, and if the estimate and its estimated standard error were calculated for each of these samples, then:

- (1) Approximately 68 percent of the intervals from one estimated standard error below the estimate to one estimated standard error above the estimate would contain the average result from all possible samples; and
- (2) Approximately 95 percent of the intervals from two estimated standard errors below the estimate to two estimated standard errors above the estimate would contain the average result from all possible samples.

The intervals are referred to as 68 percent and 95 percent confidence intervals, respectively.

The average value of the estimated characteristic that could be derived from all possible samples is or is not contained in any particular computed interval. Thus we cannot make the statement that the average value has a certain probability of falling between the limits of the calculated confidence interval. Rather, one can say with a specified probability or confidence that the calculated confidence interval includes the average estimate from all possible samples (approximately the complete count value).

Confidence intervals may also be constructed for the difference between two sample figures. This is done by computing the difference between these

figures, obtaining the standard error of the difference (using the formula given earlier), and then forming a confidence interval for this estimated difference as above. One can then say with specified confidence that this interval includes the difference that would have been obtained by averaging the results from all possible samples.

The estimated standard errors given in this report do not include all portions of the variability due to nonsampling error that may be present in the data. Thus, the standard errors calculated represent a lower bound of the total error. As a result, confidence intervals formed using these estimated standard errors may not meet the stated levels of confidence (i.e., 68 or 95 percent). Thus, some care must be exercised in the interpretation of the data in this publication based on the estimated standard errors.

For more information on confidence intervals and nonsampling error see any standard sampling theory text.

Use of Tables to Compute Standard Errors

See appendix D of any 1980 Census of Housing, HC-80-1-B, *Detailed Housing Characteristics* report, for examples showing the computation of standard errors and the formation of confidence intervals.

ESTIMATION PROCEDURE

The estimates which appear in this publication were obtained from an iterative ratio estimation procedure which resulted in the assignment of a weight to each sample person or housing unit record. For any given tabulation area, a characteristic total was estimated by summing the weights assigned to the persons or housing units in the tabulation area which possessed the characteristic. Estimates of family or household characteristics were based on the weights assigned to the family members designated as householders. Each sample person or housing unit record was assigned exactly one weight to be used to produce estimates of all characteristics. For example, if the weight given to a sample person or housing unit had the value five, all characteristics of that person or housing unit would be tabulated with a weight of

five. The estimation procedure, however, did assign weights which vary from person to person or housing unit to housing unit.

The estimation procedure used to assign the weights was performed in geographically defined "weighting areas." Weighting areas were generally formed of adjoining portions of geography, which closely agreed with census tabulation areas within counties. Weighting areas were required to have a minimum sample of 400 persons. Weighting areas were never allowed to cross state or county boundaries. In small counties with a sample count of less than 400 persons, the minimum required sample condition was relaxed to permit the entire county to become a weighting area.

Within a weighting area, the ratio estimation procedure for persons was performed in three stages. For persons, the first stage employed 17 household type groups. The second stage used two groups: householders and nonhouseholders. The third stage could potentially use 160 age-sex-race-Spanish origin groups. The stages were as follows:

PERSONS

Stage I—Type of Household

Group	Persons in Housing Units With a Family With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
	Persons in Housing Units With a Family Without Own Children Under 18
6-10	2 persons in housing unit through 8 or more persons in housing unit
	Persons in All Other Housing Units
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit
17	Persons in group quarters

Stage II—Householder/ Nonhouseholder	
Group	
1	Householder
2	Nonhouseholder (including persons in group quarters)

Stage III—Age/Sex/Race/Spanish Origin

Group	White Race
	Persons of Spanish Origin
	Male
1	0 to 4 years of age
2	5 to 14 years of age
3	15 to 19 years of age
4	20 to 24 years of age
5	25 to 34 years of age
6	35 to 44 years of age
7	45 to 64 years of age
8	65 years of age or older
	Female
9-16	Same age categories as groups 1 to 8
	Persons Not of Spanish Origin
17-32	Same age and sex categories as groups 1 to 16
	Black Race
33-64	Same age-sex-Spanish origin categories as groups 1 to 32
	Asian, Pacific Islander Race
65-96	Same age-sex-Spanish origin categories as groups 1 to 32
	American Indian, Eskimo, or Aleut Race
97-128	Same age-sex-Spanish origin categories as groups 1 to 32
	Other Race (includes those races not listed above)
129-160	Same age-sex-Spanish origin categories as groups 1 to 32

Within a weighting area, the first step in the estimation procedure was to assign each sample person record an initial weight. This weight was approximately equal to the inverse of the probability of selecting a person for the census sample.

The next step in the estimation procedure was to combine, if necessary, the groups in each of the three stages prior to the repeated ratio estimation in order to increase the reliability of the ratio estimation procedure.

For the first and second stages, any group that did not meet certain criteria concerning the unweighted sample count or the ratio of the complete count to the initially weighted sample count, was combined, or collapsed, with another group in the same stage according to a specified collapsing pattern. At the third stage, the "Other" race category was collapsed with the "White" race category before the above collapsing criteria as well as an additional criterion concerning the number of complete count persons in each category were applied.

As the final step, the initial weights underwent three stages of ratio adjustment which used the groups listed above. At the first stage, the ratio of the complete census count to the sum of the initial weights for each sample person was computed for each stage I group. The initial weight assigned to each person in a group was then multiplied by the stage I group ratio to produce an adjusted weight. In stage II, the stage I adjusted weights were again adjusted by the ratio of the complete census count to the sum of the stage I weights for sample persons in each stage II group. Finally, the stage II weights were adjusted at stage III by the ratio of the complete census count to the sum of the stage II weights for sample persons in each stage III group. The three stages of adjustment were performed twice (two iterations) in the order given above. The weights obtained from the second iteration for stage III were assigned to the sample person records. However, to avoid complications in rounding for tabulated data, only whole number weights were assigned. For example, if the final weight for the persons in a particular group was 7.2, then one-fifth of the sample persons in this group were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

Separate weights were derived for tabulating the place of work and migration data items. The weights were obtained by adjusting the weight derived above for persons on questionnaires selected for coding by the reciprocal of the ED coding rate and a ratio adjustment to ensure that the sum of the weights and the complete count total population figure would agree.

The ratio estimation procedure for

housing units was essentially the same as that for persons. The major difference was that the occupied housing unit ratio estimation procedure was done in two stages and the vacant housing unit ratio estimation procedure was done in one stage. The first stage for occupied housing units employed 16 household-type categories and the second stage could potentially use 190 tenure-race-Spanish origin-value/rent groups. For vacant housing units, three groups were utilized. The stages for the ratio estimation for housing units were as follows:

OCCUPIED HOUSING UNITS

Stage I—Type of Household

Group	Housing Units With a Family With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
	Housing Units With a Family Without Own Children Under 18
6-10	2 persons in housing unit through 8 or more persons in housing unit
	All Other Housing Units
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit

Stage II—Tenure/Race and Origin of Householder/Value or Rent

Group	Owner
	White Race (householder)
	Persons of Spanish Origin (householder)
	Value of House
1	\$0 to \$9,999
2	\$10,000 to \$19,999
3	\$20,000 to \$24,999
4	\$25,000 to \$49,999
5	\$50,000 to \$99,999
6	\$100,000 to \$149,999
7	\$150,000+
8	Other Owners
	Persons Not of Spanish Origin

9-16	Same value categories as groups 1 to 8
17-32	<i>Black Race</i> Same value—Spanish origin categories as groups 1 to 16
33-48	<i>Asian, Pacific Islander Race</i> Same value—Spanish origin categories as groups 1 to 16
49-64	<i>American Indian, Eskimo, or Aleut Race</i> Same value—Spanish origin categories as groups 1 to 16
65-80	<i>Other Race (includes those races not listed above)</i> Same value—Spanish origin categories as groups 1 to 16
81	<i>Renter</i> <i>White Race</i> <i>Persons of Spanish Origin</i> <i>Rent Categories</i> \$1 to \$59
82	\$60 to \$99
83	\$100 to \$149
84	\$150 to \$199
85	\$200 to \$249
86	\$250 to \$299
87	\$300 to \$399
88	\$400 to \$499
89	\$500+
90	Other Renter
91	No Cash Rent
92-102	<i>Persons not of Spanish origin</i> Same rent categories as groups 81 to 91
103-124	<i>Black Race</i> Same rent—Spanish origin categories as groups 81 to 102
125-146	<i>Asian, Pacific Islander Race</i> Same rent—Spanish origin categories as groups 81 to 102
147-168	<i>American Indian, Eskimo, or Aleut Race</i> Same rent—Spanish origin categories as groups 81 to 102

169-190	<i>Other Race (includes those races not listed above)</i> Same rent—Spanish origin categories as groups 81 to 102
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VACANT HOUSING UNITS

Group	
1	<i>Vacant for Rent</i>
2	<i>Vacant for Sale</i>
3	<i>Other Vacant</i>

The estimates produced by this procedure realize some of the gains in sampling efficiency that would have resulted if the population had been stratified into the ratio estimation groups before sampling, and the sampling rate had been applied independently to each group. The net effect is a reduction in both the standard error and the possible bias of most estimated characteristics to levels below what would have resulted from simply using the initial (unadjusted) weight. A by-product of this estimation procedure is that the estimates from the sample will, for the most part, be consistent with the complete-count figures for the population and housing unit groups used in the estimation procedure.

CONTROL OF NONSAMPLING ERROR

As mentioned above, nonsampling error is present in both sample and complete count data. If left unchecked, this error could introduce serious bias into the data, the variability of which could increase dramatically over that which would result purely from sampling. While it is impossible to completely eliminate nonsampling error from an operation as large and complex as the 1980 census, the Bureau of the Census attempted to control the sources of such error during the collection and processing operations. The primary sources of nonsampling error and the programs instituted for control of this error are described below. The success of these programs, however, was contingent upon how well the instructions were actually carried out during the census. To the extent possible, both the effects of these programs and the amount of error remaining after their application will be evaluated.

Undercoverage—It is possible for some persons or housing units to be entirely missed by the census. This undercoverage of persons and housing units can introduce biases into the data. Several extensive programs were developed to focus on this important problem.

- The Postal Service reviewed mailing lists and reported housing unit addresses which were missing, undeliverable, or duplicated in the listings.
- The purchased commercial mailing list was updated and corrected by a complete field review of the list of housing units during a prec canvass operation.
- A record check was performed to reduce the undercoverage of individual persons in selected areas. Independent lists of persons, such as driver's license holders, were matched with the household rosters in the census listings. Persons not matched to the census rosters were followed up and added to the census counts if they were found to have been missed.
- A recheck of units initially classified as vacant or nonexistent was utilized to further reduce the undercoverage of persons.

More extensive discussions of programs developed to reduce undercoverage will be published as the analyses of those programs are completed.

Respondent and Enumerator Error—The person answering the questionnaire or responding to the questions posed by an enumerator could serve as a source of error by offering incorrect or incomplete information. To reduce this source of error, questions were phrased as clearly as possible based on precensus tests and detailed instructions for completing the questionnaire were provided to each household. In addition, respondents' answers were edited for completeness and consistency and followed up as necessary. For example, if the source of water item was incomplete for a housing unit, long-form field edit procedures would recognize the situation, and a followup attempt to obtain the information would be made.

The enumerator may misinterpret or otherwise incorrectly record information given by a respondent; may fail to collect some of the information for a person or household; or may collect sample data for

households that were not designated as part of the sample. To control these problems, the work of enumerators was carefully monitored. Field staff were prepared for their tasks by using standardized training packages which included experience in using census materials. A sample of the households interviewed by enumerators for nonresponse was reinterviewed to control for the possibility of data for fabricated persons being submitted by enumerators. Also, the estimation procedure was designed to control for biases that would result from the collection of data from households not designated for the sample.

Processing Error—The many phases of processing the census represent potential sources for the introduction of nonsampling error. The processing of the census questionnaires includes the field editing, followup, and transmittal of completed questionnaires; the manual coding of write-in responses; and the electronic data processing. The various field, coding and computer operations undergo a number of quality control checks to insure their accurate application.

Nonresponse—Nonresponse to particular questions on the census questionnaire allows for the introduction of bias into the data, since the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. As a result, any allocation procedure using respondent data may not completely reflect this difference either at the element level (individual person or housing unit) or on the average. Some protection against the introduction of large biases is afforded by minimizing

nonresponse. In the census, nonresponse was substantially reduced during the field operations by the various edit and follow-up operations aimed at obtaining a response for every question. Characteristics for the nonresponses remaining after this operation were allocated by the computer using reported data for a person or housing unit with similar characteristics. The allocation procedure is described below.

EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the nation's housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

In the field, questionnaires were reviewed for omissions and certain inconsistencies by a census clerk or an enumerator and, if necessary, a followup was made to obtain missing information. In addition, a similar review of questionnaires was done in the central processing offices. As a rule, however, editing was performed by hand only when it could not be done effectively by machine.

As one of the first steps in computerized editing, the configuration of marks on the questionnaire was scanned electronically to determine whether it contained information for a person or housing unit or merely spurious marks. If any characteristic for a housing unit was still missing when the questionnaires reached the central processing offices, it was supplied by allocation. Allocation, or assignments of acceptable codes in place of unacceptable entries, were

needed most often when an entry for a given item was lacking or when the information reported for a particular item was inconsistent with another item for the same housing unit. As in previous censuses, allocations or the assignment of acceptable entries were used to replace blanks or unacceptable entries. The allocation procedure was based on using information reported for another housing unit with characteristics similar to those of the housing unit for which allocation was necessary. For example, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit. The assignment of acceptable codes in place of blanks or unacceptable entries is designed to enhance the usefulness of the data.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper microfilming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

ALLOCATION TABLES

The extent of allocations for nonresponses and inconsistencies for individual subject items is given for SMSA's and places in the 1980 Census of Population PC80-1-B and PC80-1-C reports and in the 1980 Census of Housing HC80-1-A and HC80-1-B reports.

Table A. Unadjusted Standard Errors for Estimated Totals

[Based on a 1-in-6 simple random sample]

Estimated Total ^{1/}	Size of publication area ^{2/}													
	500	1 000	2 500	5 000	10 000	25 000	50 000	100 000	250 000	500 000	1 000 000	5 000 000	10 000 000	25 000 000
50.....	16	16	16	16	16	16	16	16	16	16	16	16	16	16
100.....	20	21	22	22	22	22	22	22	22	22	22	22	22	22
250.....	25	30	35	35	35	35	35	35	35	35	35	35	35	35
500.....	-	35	45	45	50	50	50	50	50	50	50	50	50	50
1 000.....	-	-	55	65	65	70	70	70	70	70	70	70	70	70
2 500.....	-	-	-	80	95	110	110	110	110	110	110	110	110	110
5 000.....	-	-	-	-	110	140	150	150	160	160	160	160	160	160
10 000.....	-	-	-	-	-	170	200	210	220	220	220	220	220	220
15 000.....	-	-	-	-	-	170	230	250	270	270	270	270	270	270
25 000.....	-	-	-	-	-	-	250	310	340	350	350	350	350	350
75 000.....	-	-	-	-	-	-	-	310	510	570	590	610	610	610
100 000.....	-	-	-	-	-	-	-	-	550	630	670	700	700	710
250 000.....	-	-	-	-	-	-	-	-	-	790	970	1 090	1 100	1 100
500 000.....	-	-	-	-	-	-	-	-	-	-	1 120	1 500	1 540	1 570
1 000 000.....	-	-	-	-	-	-	-	-	-	-	-	2 000	2 120	2 190
5 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	3 540	4 470
10 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	-	5 480

^{1/} For estimated totals larger than 10 000 000, the standard error is somewhat larger than the table values. The formula given below should be used to calculate the standard error.

$$Se(\hat{Y}) = \sqrt{5\hat{Y}(1-\frac{\hat{Y}}{N})}$$

N = Size of area

\hat{Y} = Estimate of characteristic total

^{2/} The total count of housing units in the area.

Table B. Unadjusted Standard Error in Percentage Points for Estimated Percentages

[Based on a 1-in-6 simple random sample]

Estimated Percentage	Base of percentage ^{1/}												
	500	750	1 000	1 500	2 500	5 000	7 500	10 000	25 000	50 000	100 000	250 000	500 000
2 or 98.....	1.4	1.1	1.0	0.8	0.6	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1
5 or 95.....	2.2	1.8	1.5	1.3	1.0	0.7	0.6	0.5	0.3	0.2	0.2	0.1	0.1
10 or 90.....	3.0	2.4	2.1	1.7	1.3	0.9	0.8	0.7	0.4	0.3	0.2	0.1	0.1
15 or 85.....	3.6	2.9	2.5	2.1	1.6	1.1	0.9	0.8	0.5	0.4	0.3	0.2	0.1
20 or 80.....	4.0	3.3	2.8	2.3	1.8	1.3	1.0	0.9	0.6	0.4	0.3	0.2	0.1
25 or 75.....	4.3	3.5	3.1	2.5	1.9	1.4	1.1	1.0	0.6	0.4	0.3	0.2	0.1
30 or 70.....	4.6	3.7	3.2	2.6	2.0	1.4	1.2	1.0	0.6	0.5	0.3	0.2	0.1
35 or 65.....	4.8	3.9	3.4	2.8	2.1	1.5	1.2	1.1	0.7	0.5	0.3	0.2	0.2
50.....	5.0	4.1	3.5	2.9	2.2	1.6	1.3	1.1	0.7	0.5	0.4	0.2	0.2

^{1/} For a percentage and/or base of percentage not shown in the table, the formula given below may be used to calculate the standard error.

$$Se(\hat{p}) = \sqrt{\frac{5}{B} \hat{p}(100-\hat{p})}$$

B = Base of estimated percentage

\hat{p} = Estimated percentage

Table C. Standard Error Adjustment Factors

(Percent of persons or housing units in sample)

Characteristic	Less than 19 Percent	19 to 33 Percent	More than 33 Percent
Household type.....	1.0	0.9	0.5
Age and sex of householder.....	1.0	1.0	0.5
Occupancy status.....	1.0	0.8	0.5
Vacant price asked and vacant rent asked..	1.0	0.8	0.5
Tenure.....	1.1	0.9	0.5
Units in structure.....	1.0	1.0	0.5
Stories in structure.....	0.9	0.9	0.4
Passenger elevator.....	0.9	0.9	0.4
Persons in unit.....	1.0	0.9	0.5
Year structure built.....	1.0	0.9	0.5
Year householder moved into housing unit.....	1.0	0.9	0.5
Heating equipment and fuel.....	1.1	0.9	0.5
Number of bedrooms.....	1.0	0.9	0.5
Rooms.....	1.0	0.9	0.5
Telephone in housing unit.....	1.0	0.9	0.5
Air conditioning.....	1.1	1.1	0.5
Vehicles available.....	1.0	0.9	0.5
Gross rent and contract rent.....	1.1	1.0	0.5
Gross rent as a percentage of household income in 1979.....	1.0	0.9	0.5
Mortgage status and selected monthly owner costs.....	1.1	1.0	0.5
Household income.....	1.0	0.9	0.5
Poverty status: Housing.....	1.0	0.9	0.5
Existence of complete plumbing for exclusive use with 1.01 persons per room or more.....	1.0	1.0	0.5
Value.....	1.0	1.0	0.5

Table D. **Percent of Housing Units in Sample: 1980**

[For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

**The SMSA
Places of 50,000 or More and
Central Cities of SMSA's**

The SMSA -----

**PLACES OF 50,000 OR MORE AND CENTRAL
CITIES OF SMSA's**

Grand Forks city -----

Housing units	
100-percent count	Percent in sample
39 329	26.8
17 174	16.4

Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

INSTRUCTIONS FOR QUESTIONS 1 THROUGH 10

1. List in question 1 (on page 1), the names of all the people who usually live here. Then turn to pages 2 and 3 where there are columns to list up to seven persons. In the first column print the name of one of the household members in whose name this home is owned or rented. If no household member owns or rents the living quarters, list in the first column any adult household member who is not a roomer, boarder, or paid employee. Print the names of the other household members, if any, in the columns which follow, using question 1 as a checklist.
2. Fill a circle to show how each person is related to the person in column 1.

A stepchild or legally adopted child of the person in column 1 should be marked **Son/daughter**. Foster children or wards living in the household should be marked **Roomer, boarder**.
3. Be sure to fill a circle for the sex of each person.
4. Fill the circle for the category with which the person most closely identifies. If you fill the **Indian (American)** or **Other** circle, be sure to print the name of the specific Indian tribe or specific group.
5. Enter age at last birthday in the space provided (enter "0" for babies less than one year old). Also enter month and year of birth, and fill the appropriate circles. For an illustration of how to complete question 5, see the example on pages 4 and 5. If age or month or year of birth is not known, give your best estimate.
6. If the person's only marriage was annulled, mark **Never married**.
7. A person is of Spanish/Hispanic origin or descent if the person *identifies* his or her ancestry with one of the listed groups, that is, Mexican, Puerto Rican, etc. Origin or descent (ancestry) may be viewed as the nationality group, the lineage, or country in which the person or the person's parents or ancestors were born.
8. Do not count enrollment in a trade or business school, company training, or tutoring unless the course would be accepted for credit at a regular elementary school, high school, or college. A *public* school is any school or college which is controlled and supported primarily by a local, county, State, or Federal Government.
9. Fill only one circle. Mark the highest grade *ever* attended even if the person did not finish it. If the person is still in school, mark the grade in which now enrolled. Schooling received in foreign or ungraded schools should be reported as the equivalent grade or year in the regular American school system. If uncertain whether a Head Start program is for nursery school or kindergarten, mark the circle for **Nursery school**.

If the person skipped or repeated grades, mark the highest grade ever attended regardless of how long it took to get there. Persons who did not attend any college but who completed high school by finishing the 12th grade or by passing an equivalency test, such as the

General Educational Development (GED) examination, should fill the circle for the 12th grade.

10. Mark **Finished this grade (or year)** only if the person finished the *entire* grade or year marked in question 9 or if the highest grade was completed by passing a high school equivalency test.

INSTRUCTIONS FOR QUESTIONS H4 THROUGH H12

- H4. Mark only one circle. *This address* means the house or building number where your living quarters are located.
- H5. Mark the second circle only if you *must* go through someone else's living quarters to get to your own.
- H6. Consider that you have hot water even if you have it only part of the time.

Mark **Yes, but also used by another household** if someone else who lives in the same building, but is not a member of your household, also uses the facilities. Mark this circle also if the occupants of living quarters now vacant would also use the facilities in your living quarters.
- H7. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count bathrooms, kitchenettes, strip or pullman kitchens, utility rooms, or unfinished attics, unfinished basements, or other space used for storage.
- H8. Mark **Owned or being bought** if the living quarters are owned outright or are mortgaged. Also mark **Owned or being bought** if the living quarters are owned but the land is rented.

Mark **Rented for cash rent** if any money rent is paid. Rent may be paid by persons who are not members of your household.

Occupied without payment of cash rent includes, for example, a parsonage, military housing, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.
- H9. A *condominium* is housing in which the apartments or houses in a development are individually owned, but the common areas, such as lobbies, halls, etc., are jointly owned. The person owning a condominium very likely has a mortgage on the particular unit.
- H10b. A *commercial establishment* is easily recognized from the outside, for example, a grocery store or barber shop. A *medical office* is a doctor's or dentist's office regularly visited by patients.
- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the

land. If this is a condominium unit, enter the estimated value for your living quarters and your share of the common elements.

- H12.** Report the rent agreed to or contracted for, even if the rent is unpaid or paid by someone else.

If rent is not paid by the month, change the rent to a monthly amount; and then fill the appropriate circle in question H12.

If rent is paid:	Multiply rent by:
By the day	30
By the week	4
Every other week	2

If rent is paid:	Divide rent by:
4 times a year	3
2 times a year	6
Once a year	12

INSTRUCTIONS FOR QUESTIONS H13 THROUGH H20

- H13.** Mark only one circle.

Detached means there is open space on all sides, or the house is joined only to a shed or garage. *Attached* means that the house is joined to another house or building by at least one wall which goes from ground to roof.

Mark **A one-family house detached from any other house** when a mobile home or trailer has had one or more rooms added or built onto it; a porch or shed is not considered a room.

Count all occupied and vacant living quarters in the house or building, but not stores or office space.

- H14a.** Do not count unfinished basements or unfinished attics. However, a basement or attic with finished room(s) for living purposes should be counted as a story.

- H15a.** A *city or suburban* lot is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.

A *place* is a farm, ranch, or any other property, other than a city or suburban lot, on which this *residence* is located.

- H16.** If a well provides water for six or more houses or apartments, mark **A public system**. If a well provides water for five or fewer houses or apartments, mark one of the categories for *individual well*.

Drilled wells, or small diameter wells, are usually less than 1½ feet in diameter. *Dug wells* are generally hand dug and are wider.

- H17.** A *public sewer* is operated by a government body or a private organization. A *septic tank or cesspool* is an underground tank or pit used for disposal of sewage.

- H19.** The term *person in column 1* refers to the person listed in the first column on page 2. This person should be the household member (or one of the members) in whose name the house is owned or rented. If there is no such person, any adult household member can be the person in column 1. Mark when this person last moved into *this* house or apartment.

- H20.** This question refers to the type of *heating equipment* and not to the fuel used.

An *electric heat pump* is sometimes known as a reverse cycle

system. It may be centrally installed with ducts to the rooms or individual heat pumps in the rooms.

A *floor, wall, or pipeless furnace* delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed and does not have ducts leading to other rooms.

Any heater that you plug into an electric outlet should be counted as a *portable room heater*.

INSTRUCTIONS FOR QUESTIONS H21 THROUGH H32

- H21.** *Gas from underground pipes* is piped in from a central system such as one operated by a public utility company or a municipal government. *Bottled, tank, or LP gas* is stored in tanks which are refilled or exchanged when empty. *Other fuel* includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.

- H22.** If your living quarters are rented, enter the costs for utilities and fuels only if you pay for them in addition to the rent entered in H12. If already included in rent, fill the appropriate circle.

The amounts to be reported should be for the past 12 months, that is, for electricity and gas, the monthly *average* for the past 12 months; for water and other fuels, the *total* amount for the past 12 months.

Estimate as closely as possible when exact costs are not known.

Report amounts even if your bills are unpaid or paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket ({) the two utilities.

- H23.** The kitchen sink, stove, and refrigerator must be located in the building but do *not* have to be in the same room. Portable cooking equipment is not considered as a range or cook stove.

- H26.** Answer *Yes only* if the telephone is located *in* your living quarters.

- H27.** Count only equipment used to cool the air by means of a refrigeration unit.

- H28—H29.** Count company cars (including police cars and taxicabs) and company trucks that are regularly kept at home and used by household members. Do *not* count cars or trucks permanently out of working order.

- H30—H32.** Do not answer these questions if you live in a cooperative, regardless of the number of units in the structure.

- H30.** Report taxes for all taxing jurisdictions even if they are included in mortgage payment, not paid yet, paid by someone else, or are delinquent.

- H31.** When premiums are paid on other than a yearly basis, convert to a yearly basis and enter the yearly amount, even if no payment was made during the past 12 months.

- H32a.** The word "mortgage" is used as a general term to indicate all types of loans which are secured by real estate.

- b. A second or junior mortgage is also secured by real estate but has been made by the homeowner in addition to the first mortgage.
- c. Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see instructions for H12 to change it to a monthly amount.

INSTRUCTIONS FOR QUESTIONS 11 THROUGH 14

11. *For persons born in the United States:*

Print the name of the State in which this person's mother was living when this person was born. For persons born in a hospital, do not give the State in which the hospital was located unless the hospital and the mother's home were in the same State or the location of the mother's home is not known. For example, if a person was born in a hospital in Washington, D.C., but the mother's home was in Virginia at the time of the person's birth, enter "Virginia."

For persons born outside the United States:

Print the full name of the foreign country or Puerto Rico, Guam, etc., where the person was born. Use international boundaries as now recognized by the United States. Specify whether Northern Ireland or Ireland (Eire); East or West Germany; England, Scotland or Wales (*not* Great Britain or United Kingdom). Specify the particular island in the Caribbean, *not*, for example, West Indies.

- 12. This question is only for persons born in a foreign country. Fill the Yes, a naturalized citizen circle only if the person has *completed* the naturalization process and is now a citizen.

If the person has entered the U.S. more than once, fill the circle for the year he or she came to stay permanently.

- 13a. Mark No, only speaks English if the person always speaks English *at home*; then skip to question 14.

Mark Yes if the person speaks a language other than English *at home*. Do *not* mark Yes for a language spoken only at school or if speaking ability is limited to a few expressions or slang.

- b. Print the non-English language spoken *at home*. If this person speaks two or more non-English languages *at home* and cannot determine which is spoken most often, report the first language the person learned to speak.

- c. Fill the circle that best describes the person's *ability* to speak English.

- (1) The circle Very well should be filled for persons who have no difficulty speaking English.
- (2) The circle Well should be filled for persons who have only minor problems which do not seriously limit their ability to speak English.
- (3) The circle Not well should be filled for persons who are seriously limited in their ability to speak English.
- (4) The circle Not at all should be filled for persons who do not speak English at all.

- 14. Print the ancestry group with which the person *identifies*. Ancestry (or origin or descent) may be viewed as the nationality group, the lineage, or the country in which the person or the person's parents or ancestors were born before their arrival in the United States. Persons who are of more than one origin and who cannot identify with a single group should print their multiple ancestry (for example, German-Irish).

Be specific; for example, if ancestry is "Indian," specify whether American Indian, Asian Indian, or West Indian. Distinguish Cape Verdean from Portuguese, and French Canadian from Canadian.

A religious group should not be reported as a person's ancestry.

INSTRUCTIONS FOR QUESTIONS 15 THROUGH 20

- 15a. Mark Yes, this house if this person lived in this same house or apartment on April 1, 1975, but moved away and came back between then and now. Mark No, different house if this person lived in the same building but in a different apartment (or in the same mobile home or trailer but on a different trailer site).

- b. If this person lived in a different house or apartment on April 1, 1975, give the location of this person's usual home at that time.

Part (1) If the person was living in the United States on April 1, 1975, print the name of the State. If the person did *not* live in the United States on April 1, 1975, print the full name of the foreign country or Puerto Rico, Guam, etc.

Part (2) If in Louisiana, print the parish name. If in Alaska, print the borough name. If in New York City — print the borough name if the county name is not known. If an independent city, leave blank.

Part (3) If in Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island or Vermont, print the name of the town rather than the name of the village or city, unless the name of the town is unknown.

Part (4) Mark Yes if you know that the location is *now* inside the limits of a city, town, village or other incorporated place, even if it was not inside the limits on April 1, 1975.

- 17a. Mark Yes only if this person was on *active* duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard. Mark No if the person was in the National Guard or the reserves.

- b. Mark Yes if the person was attending a college or university either full or part time and was enrolled for credit toward a degree. Mark No if the person was taking only non-credit courses or was attending a vocational or trade school, such as secretarial school.

- c. Mark Yes, full time if the person worked full time (35 hours or more per week). Mark Yes, part time if the person worked part time (less than 35 hours per week). Mark No if the person only did unpaid volunteer work, housework or yard work at own home, or if the only work done was as a resident of an institution.

- 18a. Mark Yes if this person was ever on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard, even if the time served was short. For persons in the National Guard or military reserve units, mark Yes *only* if the person was ever called to active duty; mark No if the only service was active duty for training.

- b. If this person served during more than one period, fill all circles which apply, even if service was for a short time.

- 19. The term "health condition" refers to any physical or mental problem which has lasted for 6 or more months. A serious problem with seeing, hearing, or speech should be considered a health condition. Pregnancy or a temporary health problem such as a broken bone that is expected to heal normally should *not* be considered a health condition.

- 20. Count all children born alive, including any who have died (even shortly after birth) or who no longer live with her.

INSTRUCTIONS FOR QUESTIONS 21 THROUGH 26

21. If the exact date of marriage is not known, give your best estimate.
- 22a. Mark **Yes** if the person worked, either full or part time, on any day of last week (Sunday through Saturday).

Count as work:

Work for someone else for wages, salary, piece rate, commission, tips, or payments "in kind" (for example, food, lodging received as payment for work performed).

Work in own business, professional practice, or farm.

Any work in a family business or farm, paid or not.

Any part-time work including babysitting, paper routes, etc.

Active duty in Armed Forces.

Do not count as work:

Housework or yard work at home.

Unpaid volunteer work.

Work done as a resident of an institution.

- b. Give the *actual* number of hours worked at *all jobs last week*, even if that was more or fewer hours than usually worked.
23. If the person worked at several locations, but reported to the same location each day to begin work, print where he or she reported. If the person did not report to the same location each day to begin work, print the words "various locations" for 23a, and give as much information as possible in the remainder of 23 to identify the area in which he or she worked *most* last week.

If the person's employer operates in more than one location (such as a grocery store chain or public school system), give the exact address of the location or branch where the person worked.

If the person worked in a foreign country or Puerto Rico, Guam, etc., print the name of the country in 23e and leave the other parts of 23 blank.

- 24a. Travel time is from door to door. Include time taken waiting for public transportation, picking up passengers in carpools, etc.
- b. Mark **Worked at home** for a person who works on a farm where he or she lives, or in an office or shop in the person's home.
- c. If the person was driven to work by someone who then drove back home or to a non-work destination, mark **Drive alone**.
- d. Do not include riders who rode to school or some other non-work destination.
25. If the person works only during certain seasons or on a day-to-day basis when work is available, mark **No**.
- 26a. Mark **Yes** if the person tried to get a job or to start a business or professional practice at any time in the last *four* weeks; for example, registered at an employment office, went to a job interview, placed or answered ads, or did anything toward starting a business or professional practice.
- b. Mark **No**, already has a job if the person was on layoff or was expecting to report to a job within 30 days.
- Mark **No**, temporarily ill if the person expects to be able to work within 30 days.
- Mark **No**, other reasons if the person could not have taken a job because he or she was going to school, taking care of children, etc.

INSTRUCTIONS FOR QUESTIONS 27 THROUGH 29

27. Look at the instructions for 22a to see what to count as work. Mark **Never worked** if the person: (1) never worked at any kind of job or business, either full or part time, (2) never did any work, with or without pay, in a family business or farm *and* (3) never served in the Armed Forces.

- 28a. If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that has no company name, print the name of the individual worked for. If the person worked in his or her own business, print "self-employed."

- b. Print two or more words to tell what the business, industry, or individual employer named in 28a does. If there is more than one activity, describe only the major activity *at the place where the person works*. Enter what is made, what is sold, or what service is given.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Furniture company

Grocery store

Oil company

Ranch

Acceptable

Metal furniture manufacturing

Wholesale grocery store

Retail gas station

Cattle ranch

- c. Mark **Manufacturing** if the factory, plant, mill, etc., mostly makes things, even if it also sells them.

Mark **Wholesale trade** if the business mostly sells things to stores or other companies.

Mark **Retail trade** if the business mostly sells things (not services) to individuals.

Mark **Other** if the main activity of the employer is not making or selling things. Some examples of **Other** are farming, construction, and services such as those provided by hotels, dry cleaners, repair shops, schools, and banks.

- 29a. Print two or more words to describe the kind of work the person does. If the person is a trainee, apprentice, or helper, include that in the description.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Clerk

Helper

Mechanic

Nurse

Acceptable

Production clerk

Carpenter's helper

Auto engine mechanic

Registered nurse

- b. Print the most important things that the person does on the job. Some examples are shown on the census form.

INSTRUCTIONS FOR QUESTIONS 30 THROUGH 33

30. If the person was an employee of a *private* nonprofit organization, such as a church, fill the first circle:

Mark **Local government employee** for a teacher working in an elementary or secondary public school.

- 31a. Look at the instructions for question 22a to see what to count as work.

b. Count every week in which the person did any work at all, even for an hour.

c. If the hours worked each week varied considerably, give the best estimate of the hours usually worked most weeks.

d. Count every week in which the person did not work at all, but spent any time looking for work or on layoff from a job. *Looking for work* means trying to get a job or start a business or professional practice; *layoff* includes either temporary or indefinite layoff.

32. Fill the **Yes** or **No** circle for each part and enter the appropriate amount. If income from any source was received jointly by household members, report if possible, the appropriate share for each person; otherwise, report the whole amount for only one person and mark **No** for the other person, unless the other person has additional income of the same type.

a. Include sick leave pay. Do not include reimbursement for business

expenses and pay "in kind," (for example, food, lodging received as payment for work performed).

b. Include net earnings (gross earnings minus business expenses) from a nonfarm business. If business lost money, write "Loss" above the amount.

c. Include net earnings (gross receipts minus operating expenses) from a farm. If farm lost money, write "Loss" above the amount.

d. Include interest and dividends credited to the person's account (for example, from savings accounts and stock shares), net royalties, and net income from rental property.

e. Include Social Security or Railroad Retirement payments to retired persons, to dependents of deceased insured workers and to disabled workers.

f. Include public assistance or welfare payments received from Federal, State, or local agencies. Do not include private welfare payments.

g. Include all other regular payments, such as government employee retirement, union or private pensions and annuities; unemployment benefits; worker's compensation; Armed Forces allotments; private welfare payments; regular contributions from persons not living in the household; etc.

Do not include lump-sum payments received from the sale of property (capital gains), insurance policies, inheritances, etc.

33. If no income was received in 1979, fill the **None** circle. If total income was a loss, write "Loss" above the amount.

Please fill out this
official Census Form
and mail it back on
Census Day,
Tuesday, April 1, 1980

1980 Census of the United States

If the address shown below has the wrong apartment identification,
please write the correct apartment number or location here:

DO	A1	A2	A4	A5	A6
				L	

Your answers are confidential

By law (title 13, U.S. Code), census employees are subject to fine and/or imprisonment for any disclosure of your answers. Only after 72 years does your information become available to other government agencies or the public. The same law requires that you answer the questions to the best of your knowledge.

Para personas de habla hispana

(For Spanish-speaking persons):
SI USTED DESEA UN CUESTIONARIO DEL CENSO EN ESPAÑOL
llame a la oficina del censo. El número de teléfono se encuentra en
el encasillado de la dirección.

O, si prefiere, marque esta casilla ☐ y devuelva el cuestionario
por correo en el sobre que se le incluye.

A message from the Director,
Bureau of the Census . . .

We must, from time to time, take stock of ourselves as a people if our Nation is to meet successfully the many national and local challenges we face. This is the purpose of the 1980 census.

The essential need for a population census was recognized almost 200 years ago when our Constitution was written. As provided by article I, the first census was conducted in 1790 and one has been taken every 10 years since then.

The law under which the census is taken protects the confidentiality of your answers. For the next 72 years — or until April 1, 2052 — only sworn census workers have access to the individual records, and no one else may see them.

Your answers, when combined with the answers from other people, will provide the statistical figures needed by public and private groups, schools, business and industry, and Federal, State, and local governments across the country. These figures will help all sectors of American society understand how our population and housing are changing. In this way, we can deal more effectively with today's problems and work toward a better future for all of us.

The census is a vitally important national activity. Please do your part by filling out this census form accurately and completely. If you mail it back promptly in the enclosed postage-paid envelope, it will save the expense and inconvenience of a census taker having to visit you.

Thank you for your cooperation.

How to fill out your Census Form

If you need more help, call the Census Office.
The telephone number of the local office is
shown at the bottom of the address box on the
front cover.

When you write in an answer, print or write clearly

See page 4 of the guide if a roomer or someone else in the household does not want to give you all the information for the form.

Check your answers. Then write your name, the date, and telephone number on page 20.

Please start by answering Question 1 below

Question 1

- Family members living here, including babies still in the hospital
- Relatives living here
- Lodgers or boarders living here
- Other persons living here
- College students who stay here while attending college, even if their parents live elsewhere
- Persons who usually live here but are temporarily away (including children in boarding school below the college level)
- Persons with a home elsewhere but who stay here most of the week while working

- Any person away from here in the Armed Forces.
- Any college student who stays somewhere else while attending college.
- Any person who usually stays somewhere else most of the week while working there.
- Any person away from here in an institution such as a home for the aged or mental hospital.
- Any person staying or visiting here who has a usual home elsewhere.

[illegible]

- answer the questions on pages 2 through 5 only, and
- enter the address of your usual home on page 20.

Please continue

Page 2

ALSO ANSWER THE HOUSING QUESTIONS ON PAGE 3

Here are the QUESTIONS ↓	These are the columns for ANSWERS → Please fill one column for each person listed in Question 1.	PERSON in column 1	PERSON in column 2
		Last name First name Middle initial	Last name First name Middle initial
2. How is this person related to the person in column 1? Fill one circle. If "Other relative" of person in column 1, give exact relationship, such as mother-in-law, niece, grandson, etc.	START in this column with the household member (or one of the members) in whose name the home is owned or rented. If there is no such person, start in this column with any adult household member.	If relative of person in column 1: <input type="radio"/> Husband/wife <input type="radio"/> Father/mother <input type="radio"/> Son/daughter <input type="radio"/> Other relative <input type="radio"/> Brother/sister If not related to person in column 1: <input type="radio"/> Roomer, boarder <input type="radio"/> Other nonrelative <input type="radio"/> Partner, roommate <input type="radio"/> Paid employee	
3. Sex Fill one circle.	<input type="radio"/> Male <input checked="" type="checkbox"/> Female	<input type="radio"/> Male <input checked="" type="checkbox"/> Female	
4. Is this person — Fill one circle.	<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="radio"/> Indian (Amer.) Print tribe →	<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="radio"/> Indian (Amer.) Print tribe →	
5. Age, and month and year of birth a. Print age at last birthday. b. Print month and fill one circle. c. Print year in the spaces, and fill one circle below each number.	a. Age at last birthday: [] b. Month of birth: [] c. Year of birth: [] [] [] [] Jan.—Mar. Apr.—June July—Sept. Oct.—Dec.	a. Age at last birthday: [] b. Month of birth: [] c. Year of birth: [] [] [] [] Jan.—Mar. Apr.—June July—Sept. Oct.—Dec.	
6. Marital status Fill one circle.	<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced	<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced	
7. Is this person of Spanish/Hispanic origin or descent? Fill one circle.	<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic	<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic	
8. Since February 1, 1980, has this person attended regular school or college at any time? Fill one circle. Count nursery school, kindergarten, elementary school, and schooling which leads to a high school diploma or college degree.	<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related	<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related	
9. What is the highest grade (or year) of regular school this person has ever attended? Fill one circle. If now attending school, mark grade person is in. If high school was finished by equivalency test (GED), mark "12."	Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> College (academic year) [] 1 2 3 4 5 6 7 8 or more <input type="radio"/> Never attended school — Skip question 10	Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> College (academic year) [] 1 2 3 4 5 6 7 8 or more <input type="radio"/> Never attended school — Skip question 10	
10. Did this person finish the highest grade (or year) attended? Fill one circle.	<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)	<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)	
CENSUS USE ONLY	A. <input type="radio"/> I <input type="radio"/> N <input type="radio"/> O	CENSUS USE ONLY A. <input type="radio"/> I <input type="radio"/> N <input type="radio"/> O	

NOW PLEASE ANSWER QUESTIONS H1—H12
FOR YOUR HOUSEHOLD

PERSON in column 7

Last name

First name Middle initial

If relative of person in column 1:

○ Husband/wife ○ Father/mother
○ Son/daughter ○ Other relative
○ Brother/sister

If not related to person in column 1:

○ Roomer, boarder ○ Other nonrelative
○ Partner, roommate
○ Paid employee

○ Male ○ Female

○ White ○ Asian Indian
○ Black or Negro ○ Hawaiian
○ Japanese ○ Guamanian
○ Chinese ○ Samoan
○ Filipino ○ Eskimo
○ Korean ○ Aleut
○ Vietnamese ○ Other — Specify
○ Indian (Amer.)
Print tribe →

a. Age at last birthday c. Year of birth

b. Month of birth

○ Jan.—Mar. ○ Apr.—June
○ July—Sept. ○ Oct.—Dec.

○ Now married ○ Separated
○ Widowed ○ Never married
○ Divorced

○ No (not Spanish/Hispanic)
○ Yes, Mexican, Mexican-Amer., Chicano
○ Yes, Puerto Rican
○ Yes, Cuban
○ Yes, other Spanish/Hispanic

○ No, has not attended since February 1
○ Yes, public school, public college
○ Yes, private, church-related
○ Yes, private, not church-related

Highest grade attended:

○ Nursery school ○ Kindergarten

Elementary through high school (grade or year)

College (academic year)

○ Never attended school—Skip question 10

○ Now attending this grade (or year)
○ Finished this grade (or year)
○ Did not finish this grade (or year)

CENSUS USE ONLY

If you listed more than 7 persons in Question 1, please see note on page 20.

H1. Did you leave anyone out of Question 1 because you were not sure if the person should be listed — for example, a new baby still in the hospital, a lodger who also has another home, or a person who stays here once in a while and has no other home?

○ Yes — On page 20 give name(s) and reason left out.
○ No

H2. Did you list anyone in Question 1 who is away from home now — for example, on a vacation or in a hospital?

○ Yes — On page 20 give name(s) and reason person is away.
○ No

H3. Is anyone visiting here who is not already listed?

○ Yes — On page 20 give name of each visitor for whom there is no one at the home address to report the person to a census taker.
○ No

H4. How many living quarters, occupied and vacant, are at this address?

○ One
○ 2 apartments or living quarters
○ 3 apartments or living quarters
○ 4 apartments or living quarters
○ 5 apartments or living quarters
○ 6 apartments or living quarters
○ 7 apartments or living quarters
○ 8 apartments or living quarters
○ 9 apartments or living quarters
○ 10 or more apartments or living quarters
○ This is a mobile home or trailer

H5. Do you enter your living quarters —

○ Directly from the outside or through a common or public hall?
○ Through someone else's living quarters?

H6. Do you have complete plumbing facilities in your living quarters, that is, hot and cold piped water, a flush toilet, and a bathtub or shower?

○ Yes, for this household only
○ Yes, but also used by another household
○ No, have some but not all plumbing facilities
○ No plumbing facilities in living quarters

H7. How many rooms do you have in your living quarters? Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.

○ 1 room ○ 4 rooms ○ 7 rooms
○ 2 rooms ○ 5 rooms ○ 8 rooms
○ 3 rooms ○ 6 rooms ○ 9 or more rooms

H8. Are your living quarters —

○ Owned or being bought by you or by someone else in this household?
○ Rented for cash rent?
○ Occupied without payment of cash rent?

H9. Is this apartment (house) part of a condominium?

○ No
○ Yes, a condominium

H10. If this is a one-family house —

a. Is the house on a property of 10 or more acres?
○ Yes ○ No

b. Is any part of the property used as a commercial establishment or medical office?
○ Yes ○ No

H11. If you live in a one-family house or a condominium unit which you own or are buying —

What is the value of this property, that is, how much do you think this property (house and lot or condominium unit) would sell for if it were for sale?

Do not answer this question if this is —

○ A mobile home or trailer
○ A house on 10 or more acres
○ A house with a commercial establishment or medical office on the property

○ Less than \$10,000 ○ \$50,000 to \$54,999
○ \$10,000 to \$14,999 ○ \$55,000 to \$59,999
○ \$15,000 to \$17,499 ○ \$60,000 to \$64,999
○ \$17,500 to \$19,999 ○ \$65,000 to \$69,999
○ \$20,000 to \$22,499 ○ \$70,000 to \$74,999
○ \$22,500 to \$24,999 ○ \$75,000 to \$79,999
○ \$25,000 to \$27,499 ○ \$80,000 to \$89,999
○ \$27,500 to \$29,999 ○ \$90,000 to \$99,999
○ \$30,000 to \$34,999 ○ \$100,000 to \$124,999
○ \$35,000 to \$39,999 ○ \$125,000 to \$149,999
○ \$40,000 to \$44,999 ○ \$150,000 to \$199,999
○ \$45,000 to \$49,999 ○ \$200,000 or more

H12. If you pay rent for your living quarters —

What is the monthly rent?

If rent is not paid by the month, see the instruction guide on how to figure a monthly rent.

○ Less than \$50 ○ \$160 to \$169
○ \$50 to \$59 ○ \$170 to \$179
○ \$60 to \$69 ○ \$180 to \$189
○ \$70 to \$79 ○ \$190 to \$199
○ \$80 to \$89 ○ \$200 to \$224
○ \$90 to \$99 ○ \$225 to \$249
○ \$100 to \$109 ○ \$250 to \$274
○ \$110 to \$119 ○ \$275 to \$299
○ \$120 to \$129 ○ \$300 to \$349
○ \$130 to \$139 ○ \$350 to \$399
○ \$140 to \$149 ○ \$400 to \$499
○ \$150 to \$159 ○ \$500 or more

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A4. Block number

A6. Serial number

B. Type of unit or quarters

Occupied

○ First form
○ Continuation

Vacant

○ Regular
○ Usual home elsewhere

Group quarters

○ First form
○ Continuation

For vacant units

C1. Is this unit for —

○ Year round use
○ Seasonal/Mig. — Skip C2, C3, and D.

C2. Vacancy status

○ For rent
○ For sale only
○ Rented or sold, not occupied
○ Held for occasional use
○ Other vacant

C3. Is this unit boarded up?

○ Yes ○ No

D. Months vacant

○ Less than 1 month
○ 1 up to 2 months
○ 2 up to 6 months
○ 6 up to 12 months
○ 1 year up to 2 years
○ 2 or more years

E. Indicators

1. ○ ○ Mail return
2. ○ ○ Pop./F

F. Total persons

0
1
2
3
4
5
6
7
8
9
A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P
Q
R
S
T
U
V
W
X
Y
Z

H13. Which best describes this building? <i>Include all apartments, flats, etc., even if vacant.</i> <ul style="list-style-type: none"> <input type="radio"/> A mobile home or trailer <input type="radio"/> A one-family house detached from any other house <input type="radio"/> A one-family house attached to one or more houses <input type="radio"/> A building for 2 families <input type="radio"/> A building for 3 or 4 families <input type="radio"/> A building for 5 to 9 families <input type="radio"/> A building for 10 to 19 families <input type="radio"/> A building for 20 to 49 families <input type="radio"/> A building for 50 or more families <input type="radio"/> A boat, tent, van, etc. 	H21a. Which fuel is used most for house heating? <ul style="list-style-type: none"> <input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used 	CENSUS USE H22a. <table border="1"> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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H14a. How many stories (floors) are in this building? <i>Count an attic or basement as a story if it has any finished rooms for living purposes.</i> <ul style="list-style-type: none"> <input type="radio"/> 1 to 3 — Skip to H15 <input type="radio"/> 4 to 6 <input type="radio"/> 7 to 12 <input type="radio"/> 13 or more stories 	b. Which fuel is used most for water heating? <ul style="list-style-type: none"> <input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used 	H22b. <table border="1"> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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b. Is there a passenger elevator in this building? <ul style="list-style-type: none"> <input type="radio"/> Yes <input type="radio"/> No 	c. Which fuel is used most for cooking? <ul style="list-style-type: none"> <input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used 	H22c. <table border="1"> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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H15a. Is this building — <ul style="list-style-type: none"> <input type="radio"/> On a city or suburban lot, or on a place of less than 1 acre? — Skip to H16 <input type="radio"/> On a place of 1 to 9 acres? <input type="radio"/> On a place of 10 or more acres? 	H22. What are the costs of utilities and fuels for your living quarters?	H22d. <table border="1"> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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b. Last year, 1979, did sales of crops, livestock, and other farm products from this place amount to — <ul style="list-style-type: none"> <input type="radio"/> Less than \$50 (or None) <input type="radio"/> \$50 to \$249 <input type="radio"/> \$250 to \$599 <input type="radio"/> \$600 to \$999 <input type="radio"/> \$1,000 to \$2,499 <input type="radio"/> \$2,500 or more 	a. Electricity \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Average monthly cost</i> <input type="radio"/> Electricity not used																															
H16. Do you get water from — <ul style="list-style-type: none"> <input type="radio"/> A public system (city water department, etc.) or private company? <input type="radio"/> An individual drilled well? <input type="radio"/> An individual dug well? <input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)? 	b. Gas \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Average monthly cost</i> <input type="radio"/> Gas not used																															
H17. Is this building connected to a public sewer? <ul style="list-style-type: none"> <input type="radio"/> Yes, connected to public sewer <input type="radio"/> No, connected to septic tank or cesspool <input type="radio"/> No, use other means 	c. Water \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Yearly cost</i> <input type="radio"/> These fuels not used																															
H18. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted. <ul style="list-style-type: none"> <input type="radio"/> 1979 or 1980 <input type="radio"/> 1975 to 1978 <input type="radio"/> 1970 to 1974 <input type="radio"/> 1960 to 1969 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1940 to 1949 <input type="radio"/> 1939 or earlier 	d. Oil, coal, kerosene, wood, etc. \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Yearly cost</i> <input type="radio"/> These fuels not used																															
H19. When did the person listed in column 1 move into this house (or apartment)? <ul style="list-style-type: none"> <input type="radio"/> 1979 or 1980 <input type="radio"/> 1975 to 1978 <input type="radio"/> 1970 to 1974 <input type="radio"/> 1960 to 1969 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1949 or earlier <input type="radio"/> Always lived here 	H23. Do you have complete kitchen facilities? Complete kitchen facilities are a sink with piped water, a range or cookstove, and a refrigerator. <ul style="list-style-type: none"> <input type="radio"/> Yes <input type="radio"/> No 																															
H20. How are your living quarters heated? <i>Fill one circle for the kind of heat used most.</i> <ul style="list-style-type: none"> <input type="radio"/> Steam or hot water system <input type="radio"/> Central warm-air furnace with ducts to the individual rooms (Do not count electric heat pumps here) <input type="radio"/> Electric heat pump <input type="radio"/> Other built-in electric units (permanently installed in wall, ceiling, or baseboard) <input type="radio"/> Floor, wall, or pipeless furnace <input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene <input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable) <input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind <input type="radio"/> No heating equipment 	H24. How many bedrooms do you have? <i>Count rooms used mainly for sleeping even if used also for other purposes.</i> <ul style="list-style-type: none"> <input type="radio"/> No bedroom <input type="radio"/> 1 bedroom <input type="radio"/> 2 bedrooms <input type="radio"/> 3 bedrooms <input type="radio"/> 4 bedrooms <input type="radio"/> 5 or more bedrooms 																															
	H25. How many bathrooms do you have? <i>A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.</i> <i>A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.</i> <ul style="list-style-type: none"> <input type="radio"/> No bathroom, or only a half bathroom <input type="radio"/> 1 complete bathroom <input type="radio"/> 1 complete bathroom, plus half bath(s) <input type="radio"/> 2 or more complete bathrooms 																															
	H26. Do you have a telephone in your living quarters? <ul style="list-style-type: none"> <input type="radio"/> Yes <input type="radio"/> No 																															
	H27. Do you have air conditioning? <ul style="list-style-type: none"> <input type="radio"/> Yes, a central air-conditioning system <input type="radio"/> Yes, 1 individual room unit <input type="radio"/> Yes, 2 or more individual room units <input type="radio"/> No 																															
	H28. How many automobiles are kept at home for use by members of your household? <ul style="list-style-type: none"> <input type="radio"/> None <input type="radio"/> 1 automobile <input type="radio"/> 2 automobiles <input type="radio"/> 3 or more automobiles 																															
	H29. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household? <ul style="list-style-type: none"> <input type="radio"/> None <input type="radio"/> 1 van or truck <input type="radio"/> 2 vans or trucks <input type="radio"/> 3 or more vans or trucks 																															

FOR YOUR HOUSEHOLD

Please answer H30–H32 if you live in a one-family house which you own or are buying, unless this is –

- A mobile home or trailer
- A house on 10 or more acres
- A condominium unit
- A house with a commercial establishment or medical office on the property

If any of these, or if you rent your unit or this is a multi-family structure, skip H30 to H32 and turn to page 6.

H30. What were the real estate taxes on this property last year?

\$ _____ .00 OR ☐ None

H31. What is the annual premium for fire and hazard insurance on this property?

\$ _____ .00 OR ☐ None

H32a. Do you have a mortgage, deed of trust, contract to purchase, or similar debt on this property?

☐ Yes, mortgage, deed of trust, or similar debt

☐ Yes, contract to purchase

☐ No — Skip to page 6

b. Do you have a second or junior mortgage on this property?

☐ Yes ☐ No

c. How much is your total regular monthly payment to the lender?

Also include payments on a contract to purchase and to lenders holding second or junior mortgages on this property.

\$ _____ .00 OR ☐ No regular payment required — Skip to page 6

d. Does your regular monthly payment (amount entered in H32c) include payments for real estate taxes on this property?

☐ Yes, taxes included in payment

☐ No, taxes paid separately or taxes not required

e. Does your regular monthly payment (amount entered in H32c) include payments for fire and hazard insurance on this property?

☐ Yes, insurance included in payment

☐ No, insurance paid separately or no insurance

Please turn to page 6

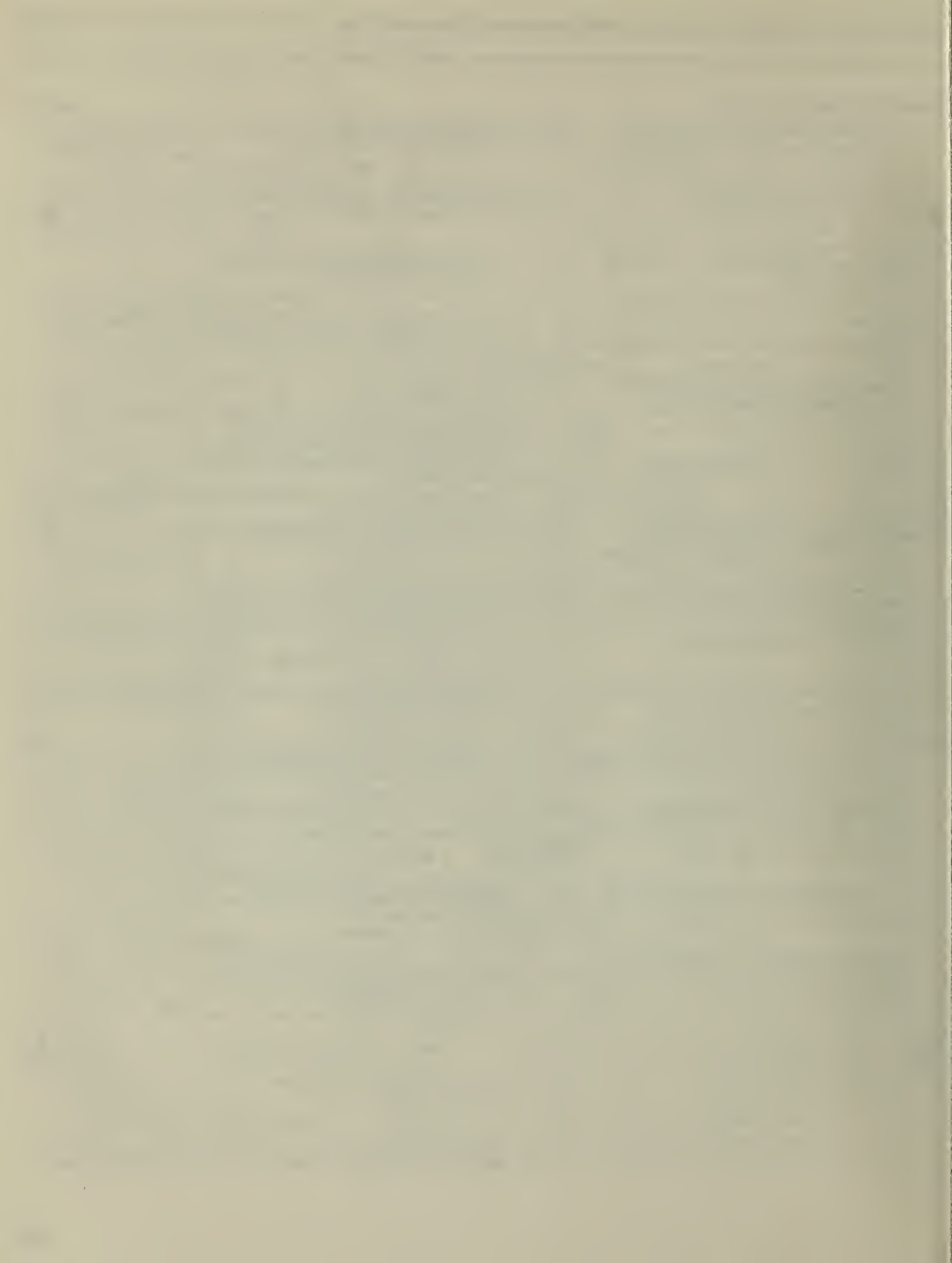
FOR CENSUS USE ONLY

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No	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		

[illegible]

<p>c. When going to work <u>last week</u>, did this person usually —</p> <p><input type="radio"/> Drive alone — <i>Skip to 28</i> <input type="radio"/> Drive others only</p> <p><input type="radio"/> Share driving <input type="radio"/> Ride as passenger only</p> <p>d. How many people, including this person, usually rode to work in the car, truck, or van <u>last week</u>?</p> <p><input type="radio"/> 2 <input type="radio"/> 4 <input type="radio"/> 6</p> <p><input type="radio"/> 3 <input checked="" type="radio"/> 5 <input type="radio"/> 7 or more</p> <p><i>After answering 24d, skip to 28.</i></p> <p>25. Was this person <u>temporarily</u> absent or on layoff from a job or business <u>last week</u>?</p> <p><input type="radio"/> Yes, on layoff</p> <p><input type="radio"/> Yes, on vacation, temporary illness, labor dispute, etc.</p> <p><input type="radio"/> No</p> <p>26a. Has this person been looking for work during the last 4 weeks?</p> <p><input checked="" type="radio"/> Yes <input type="radio"/> No — <i>Skip to 27</i></p> <p>b. Could this person have taken a job <u>last week</u>?</p> <p><input type="radio"/> No, already has a job</p> <p><input type="radio"/> No, temporarily ill</p> <p><input type="radio"/> No, other reasons (in school, etc.)</p> <p><input checked="" type="radio"/> Yes, could have taken a job</p> <p>27. When did this person last work, even for a few days?</p> <p><input type="radio"/> 1980 <input type="radio"/> 1978 <input type="radio"/> 1970 to 1974</p> <p><input type="radio"/> 1979 <input type="radio"/> 1975 to 1977 <input type="radio"/> 1969 or earlier</p> <p><input type="radio"/> Never worked } <i>Skip to 31d</i></p> <p>28–30. Current or most recent job activity</p> <p><i>Describe clearly this person's chief job activity or business last week. If this person had more than one job, describe the one at which this person worked the most hours. If this person had no job or business last week, give information for last job or business since 1975.</i></p> <p>28. Industry</p> <p>a. For whom did this person work? If now on active duty in the Armed Forces, print "AF" and skip to question 31.</p> <p><i>(Name of company, business, organization, or other employer)</i></p> <p>b. What kind of business or industry was this?</p> <p><i>Describe the activity at location where employed.</i></p> <p><i>(For example: Hospital, newspaper publishing, mail order house, auto engine manufacturing, breakfast cereal manufacturing)</i></p> <p>c. Is this mainly — (Fill one circle)</p> <p>Manufacturing <input checked="" type="radio"/> Retail trade</p> <p>Wholesale trade Other — (agriculture, construction, service, government, etc.)</p> <p>29. Occupation</p> <p>a. What kind of work was this person doing?</p> <p><i>(For example: Registered nurse, personnel manager, supervisor of order department, gasoline engine assembler, grinder operator)</i></p> <p>b. What were this person's most important activities or duties?</p> <p><i>(For example: Patient care, directing hiring policies, supervising order clerks, assembling engines, operating grinding mill)</i></p> <p>30. Was this person — (Fill one circle)</p> <p>Employee of private company, business, or individual, for wages, salary, or commissions <input checked="" type="radio"/></p> <p>Federal government employee <input type="radio"/></p> <p>State government employee <input type="radio"/></p> <p>Local government employee (city, county, etc.) <input type="radio"/></p> <p>Self-employed in own business, professional practice, or farm —</p> <p>Own business not incorporated <input type="radio"/></p> <p>Own business incorporated <input type="radio"/></p> <p>Working without pay in family business or farm <input type="radio"/></p>	<p>CENSUS USE</p> <p>21b.</p> <p>I 0 0</p> <p>0 1 1</p> <p>II 3 3</p> <p>0 4 4</p> <p>III 5</p> <p>0 6 6</p> <p>IV 8 8</p> <p>0 9</p> <p>22b.</p> <p>I 0 0</p> <p>I 1</p> <p>2 2</p> <p>3 3</p> <p>4 4</p> <p>5 5</p> <p>6 6</p> <p>7 7</p> <p>8 8</p> <p>9 9</p> <p>28.</p> <p>A B C</p> <p>D E F</p> <p>G H J</p> <p>K L M</p> <p>29.</p> <p>N P Q</p> <p>0 0 0</p> <p>R S T</p> <p>0 0 0</p> <p>U V W</p> <p>0 0 0</p> <p>X Y Z</p> <p>0 0 0</p>	<p>31a. Last year (1979), did this person work, even for a few days, at a paid job or in a business or farm?</p> <p><input type="radio"/> Yes <input checked="" type="radio"/> No — <i>Skip to 31d</i></p> <p>b. How many weeks did this person work in 1979?</p> <p><i>Count paid vacation, paid sick leave, and military service.</i></p> <p>Weeks</p> <p>c. During the weeks worked in 1979, how many hours did this person usually work each week?</p> <p>Hours</p> <p>d. Of the weeks <u>not worked</u> in 1979 (if any), how many weeks was this person looking for work or on layoff from a job?</p> <p>Weeks</p> <p>32. Income in 1979 —</p> <p><i>Fill circles and print dollar amounts. If net income was a loss, write "Loss" above the dollar amount. If exact amount is not known, give best estimate. For income received jointly by household members, see instruction guide.</i></p> <p>During 1979 did this person receive any income from the following sources?</p> <p>If "Yes" to any of the sources below — How much did this person receive for the entire year?</p> <p>a. Wages, salary, commissions, bonuses, or tips from all jobs . . . Report amount before deductions for taxes, bonds, dues, or other items.</p> <p><input type="radio"/> Yes → \$.00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p> <p>b. Own nonfarm business, partnership, or professional practice . . . Report net income after business expenses.</p> <p><input checked="" type="radio"/> Yes → \$.00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p> <p>c. Own farm. . . Report net income after operating expenses. Include earnings as a tenant farmer or sharecropper.</p> <p><input type="radio"/> Yes → \$.00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p> <p>d. Interest, dividends, royalties, or net rental income . . . Report even small amounts credited to an account.</p> <p><input type="radio"/> Yes → \$.00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p> <p>e. Social Security or Railroad Retirement . . .</p> <p><input checked="" type="radio"/> Yes → \$.00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p> <p>f. Supplemental Security (SSI), Aid to Families with Dependent Children (AFDC), or other public assistance or public welfare payments . . .</p> <p><input type="radio"/> Yes → \$.00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p> <p>g. Unemployment compensation, veterans' payments, pensions, alimony or child support, or any other sources of income received regularly . . .</p> <p><i>Exclude lump-sum payments such as money from an inheritance or the sale of a home.</i></p> <p><input checked="" type="radio"/> Yes → \$.00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p> <p>33. What was this person's total income in 1979?</p> <p><i>Add entries in questions 32a through g; subtract any losses.</i></p> <p>\$.00</p> <p><i>If total amount was a loss, write "Loss" above amount.</i></p> <p>OR <input type="radio"/> None</p>	<p>CENSUS USE ONLY</p> <p>31b.</p> <p>0 0 0</p> <p>1 1 1</p> <p>2 2 2</p> <p>3 3 3</p> <p>4 4 4</p> <p>5 5 5</p> <p>6 6 6</p> <p>7 7 7</p> <p>8 8 8</p> <p>9 9 9</p> <p>31c.</p> <p>0 0 0</p> <p>1 1 1</p> <p>2 2 2</p> <p>3 3 3</p> <p>4 4 4</p> <p>5 5 5</p> <p>6 6 6</p> <p>7 7 7</p> <p>8 8 8</p> <p>9 9 9</p> <p>31d.</p> <p>0 0 0</p> <p>1 1 1</p> <p>2 2 2</p> <p>3 3 3</p> <p>4 4 4</p> <p>5 5 5</p> <p>6 6 6</p> <p>7 7 7</p> <p>8 8 8</p> <p>9 9 9</p> <p>32a.</p> <p>0 0 0 0</p> <p>1 1 1 1</p> <p>2 2 2 2</p> <p>3 3 3 3</p> <p>4 4 4 4</p> <p>5 5 5 5</p> <p>6 6 6 6</p> <p>7 7 7 7</p> <p>8 8 8 8</p> <p>9 9 9 9</p> <p>A 0 0 A 0</p> <p>32b.</p> <p>0 0 0 0</p> <p>1 1 1 1</p> <p>2 2 2 2</p> <p>3 3 3 3</p> <p>4 4 4 4</p> <p>5 5 5 5</p> <p>6 6 6 6</p> <p>7 7 7 7</p> <p>8 8 8 8</p> <p>9 9 9 9</p> <p>A 0 0 A 0</p> <p>32c.</p> <p>0 0 0 0</p> <p>1 1 1 1</p> <p>2 2 2 2</p> <p>3 3 3 3</p> <p>4 4 4 4</p> <p>5 5 5 5</p> <p>6 6 6 6</p> <p>7 7 7 7</p> <p>8 8 8 8</p> <p>9 9 9 9</p> <p>0 A 0 0 A 0</p> <p>32d.</p> <p>0 0 0 0</p> <p>1 1 1 1</p> <p>2 2 2 2</p> <p>3 3 3 3</p> <p>4 4 4 4</p> <p>5 5 5 5</p> <p>6 6 6 6</p> <p>7 7 7 7</p> <p>8 8 8 8</p> <p>9 9 9 9</p> <p>0 A 0 0 A 0</p> <p>32e.</p> <p>0 0 0 0</p> <p>1 1 1 1</p> <p>2 2 2 2</p> <p>3 3 3 3</p> <p>4 4 4 4</p> <p>5 5 5 5</p> <p>6 6 6 6</p> <p>7 7 7 7</p> <p>8 8 8 8</p> <p>9 9 9 9</p> <p>32f.</p> <p>0 0 0 0</p> <p>1 1 1 1</p> <p>2 2 2 2</p> <p>3 3 3 3</p> <p>4 4 4 4</p> <p>5 5 5 5</p> <p>6 6 6 6</p> <p>7 7 7 7</p> <p>8 8 8 8</p> <p>9 9 9 9</p> <p>0 A 0 0 A 0</p> <p>32g.</p> <p>0 0 0 0</p> <p>1 1 1 1</p> <p>2 2 2 2</p> <p>3 3 3 3</p> <p>4 4 4 4</p> <p>5 5 5 5</p> <p>6 6 6 6</p> <p>7 7 7 7</p> <p>8 8 8 8</p> <p>9 9 9 9</p> <p>33.</p> <p>0 0 0 0</p> <p>1 1 1 1</p> <p>2 2 2 2</p> <p>3 3 3 3</p> <p>4 4 4 4</p> <p>5 5 5 5</p> <p>6 6 6 6</p> <p>7 7 7 7</p> <p>8 8 8 8</p> <p>9 9 9 9</p> <p>0 A 0 0 A 0</p>
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→ Please turn to the next page and answer the questions for Person 2 on page 2



Appendix F.—Publication and Computer Tape Program

GENERAL. F-1

PUBLICATIONS. F-1

Population and Housing Census Reports F-1

PHC80-1, Block Statistics . . . F-1

PHC80-2, Census Tracts F-2

PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas . . . F-2

PHC80-4, Congressional Districts of the 98th Congress F-2

PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics. F-2

PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics . F-2

Population Census Reports . . . F-2

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PC80-1-A, Chapter A, Number of Inhabitants F-2

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GENERAL

The results of the 1980 Census of Population and Housing are issued in three forms: printed reports, computer tape

files, and microfiche. Most of the reports listed are issued on a flow basis through 1983. A few may be issued later, such as Subject Reports and Evaluation and Reference Reports.

The publications of the 1980 census are released under three subject titles: *1980 Census of Population and Housing*, *1980 Census of Population*, and *1980 Census of Housing*. The description of the publication program below is organized in sections, by census title, followed by the reports under each title. It should be noted that a number of population census reports contain some housing data and a number of housing census reports contain some population data. Following the description of the publication program are sections on computer tapes, maps, and microfiche.

The data product descriptions include listings of geographic areas for which data are summarized in that product. Note that the term "place" refers to incorporated places and census designated (or unincorporated) places, as well as towns and townships in 11 States (the 6 New England States, the 3 Middle Atlantic States, Michigan, and Wisconsin).

Order forms for these materials are available, subject to availability of the data product, from Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233; Census Bureau Regional Offices; U.S. Department of Commerce District Offices; and State Data Centers. After issuance, census reports are on file in many libraries and are available for examination at any Department of Commerce District Office or Census Bureau Regional Office.

PUBLICATIONS

Population and Housing Census Reports

PHC80-1, Block Statistics—These reports, which are issued on microfiche rather

than in print form, present population and housing unit totals and statistics on selected characteristics which are based on complete-count tabulations. Data are shown for blocks in urbanized areas and selected adjacent areas, for blocks in places of 10,000 or more inhabitants, and for blocks in areas which contracted with the Census Bureau to provide block statistics.

The set of reports consists of 374 sets of microfiche and includes a report for each standard metropolitan statistical area (SMSA), showing blocked areas within the SMSA, and a report for each State and for Puerto Rico, showing blocked areas outside SMSA's. In addition to microfiche, printed detailed maps showing the blocks covered by the particular report are available as well as a U.S. Summary, which is an index to the set.

PHC80-2, Census Tracts—Statistics for most of the population and housing subjects included in the 1980 census are presented for census tracts in SMSA's and in other tracted areas. Both complete-count data and sample data are included. Most statistics are presented by race and Spanish origin for areas with at least a specified number of persons in the relevant population group.

There is one report for each SMSA, as well as one for each of the States and Puerto Rico which have tracted areas outside SMSA's. In addition, maps showing the boundaries and identification numbers of census tracts in the SMSA are available as well as a U.S. Summary, which is an index to the set and also provides a historical listing of the total number of tracts by area.

PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas—Statistics are presented on total population and on complete-count and sample population characteristics such as age, race, education, disability, ability to speak English, labor force, and income, and on total housing units and housing characteristics such as value, age of structure, and rent. These statistics are shown for the following areas or their equivalents: States, SMSA's, counties, county subdivisions (those which are functioning general-purpose local governments), and incorporated places.

There is one report for each State, the District of Columbia, and Puerto Rico.

This series does not include a U.S. Summary.

PHC80-4, Congressional Districts of the 98th Congress—These reports present complete-count and sample data for congressional districts of the 98th Congress. The reports reflect redistricting based on the 1982 elections. One report is issued for each of the 50 States and the District of Columbia.

PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics—This report presents provisional estimates based on sample data collected in the 1980 census. Data on social, economic, and housing characteristics are shown for the United States as a whole, each State, the District of Columbia, and SMSA's of 1 million or more inhabitants.

These data are based on a special subsample of the full census sample. The sample, which represents about 1.6 percent of the total population, was developed to provide users with initial data on characteristics of the population and housing units for the Nation and large areas.

PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics—These reports present advance sample data from the 1980 census including such social and economic characteristics of the population as education, migration, labor force, and income as well as housing characteristics such as structural information, mortgage, and gross rent.

The set consists of 50 paperbound reports and includes one report for each State and the District of Columbia. No report will be issued for the United States as a whole.

Each report presents population and housing characteristics for the State, its counties or comparable areas, and places of 25,000 or more inhabitants. Selected data are shown for four race groups (White; Black; combined American Indian, Eskimo, and Aleut; and Asian and Pacific Islander) as well as for persons of Spanish origin.

Population Census Reports

PHC80-1, Volume 1, Characteristics of the Population—This volume presents final

population counts and statistics on population characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of four chapters for each area, chapters A, B, C, and D. Chapters A and B present data collected on a complete-count basis, and chapters C and D present estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The population totals presented in chapters A and B may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Chapters B, C, and D present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A, B, C, and D.

PHC80-1-A, Chapter A, Number of Inhabitants—Final population counts are shown for the following areas or their equivalents: States, counties, county subdivisions, incorporated places and census designated places, standard consolidated statistical areas (SCSA's), SMSA's, and urbanized areas. Selected tables contain population counts by urban and rural residence. Many tables contain population counts from previous censuses.

PHC80-1-B, Chapter B, General Population Characteristics—Statistics on household relationship, age, race, Spanish origin, sex, and marital status are shown for the following areas or their equivalents: States, counties (by total and rural residence), county subdivisions, places of 1,000 or more inhabitants, SCSA's,

SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

PC80-1-C, Chapter C, General Social and Economic Characteristics—Statistics are presented on nativity, State or country of birth, citizenship and year of immigration for the foreign-born population, language spoken at home and ability to speak English, ancestry, fertility, family composition, type of group quarters, marital history, residence in 1975, journey to work, school enrollment, years of school completed, disability, veteran status, labor force status, occupation, industry, class of worker, labor force status in 1979, income in 1979, and poverty status in 1979. In addition, data on subjects shown in the PC80-1-B reports are presented in this report in more detail.

Each subject is shown for some or all of the following areas or their equivalents: States, counties (by rural and rural-farm residence), places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

PC80-1-D, Chapter D, Detailed Population Characteristics—Statistics on most of the subjects covered in the PC80-1-C reports are presented in this report in considerably greater detail and cross-classified by age, race, Spanish origin, and other characteristics. Each subject is shown for the State or equivalent area, and some subjects are also shown for rural residence at the State level. Most subjects are shown for SMSA's of 250,000 or more inhabitants, and a few are shown for central cities of these SMSA's.

PC80-2, Volume 2, Subject Reports—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. A few reports show statistics for States, SMSA's, large cities, American Indian reservations, or Alaska Native villages. Separate reports are issued on such subjects as racial and ethnic groups, type of residence, fertility, families, marital status, migration, education, employment, occupation, industry, journey to work, income, poverty status, and other topics.

PC80-S1, Supplementary Reports—These reports present special compilations of

1980 census statistics dealing with specific population subjects.

Housing Census Reports

HC80-1, Volume 1, Characteristics of Housing Units—This volume presents final housing unit counts and statistics on housing characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of two chapters for each area, chapters A and B. Chapter A presents data collected on a complete-count basis, and chapter B presents estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The housing totals presented in this report may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Both chapters present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A and B.

HC80-1-A, Chapter A, General Housing Characteristics—Statistics on units at address, tenure, condominium status, number of rooms, persons per room, plumbing facilities, value, contract rent, and vacancy status are shown for some or all of the following areas or their equivalents: States, counties, county subdivisions, places of 1,000 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables contain housing characteristics by urban and rural residence.

HC80-1-B, Chapter B, Detailed Housing Characteristics—Statistics on units in structure, year moved into unit, year structure built, heating equipment, fuels, air-conditioning, source of water, sewage disposal, gross rent, and selected monthly ownership costs are shown for some or all of the following areas or their equivalents: States, counties, places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables show housing characteristics for rural and rural farm residence at the State and county level. Some subjects included in the HC80-1-A reports are also covered in this report in more detail.

HC80-2, Volume 2, Metropolitan Housing Characteristics—This volume presents statistics on most of the 1980 housing census subjects in considerable detail and cross-classification. Most statistics are presented by race and Spanish origin for areas with at least a specified number of the relevant population group. Data are shown for States or equivalent areas, SMSA's and their central cities, and other cities of 50,000 or more inhabitants.

There is one report for each SMSA and one report for each State and Puerto Rico. The set includes a U.S. Summary report showing these statistics for the United States and regions.

HC80-3, Volume 3, Subject Reports—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. Separate reports are issued on housing of the elderly, mobile homes, and American Indian households.

HC80-4, Volume 4, Components of Inventory Change—This volume consists of two reports presenting statistics on the 1980 characteristics of housing units which existed in 1973, as well as on newly constructed units, conversions, mergers, demolitions, and other additions and losses to the housing inventory between 1973 and 1980. These reports present data derived from a sample survey conducted in the fall of 1980. Data are presented for the United States and regions in report I. Report II has two parts: Part A presents data for that group of SMSA's (not individually identified)

with populations of 1 million or more at the time of the 1970 census, and part B presents data for that group of SMSA's (not individually identified) with populations of less than 1 million at the time of the 1970 census.

HC80-5, Volume 5, Residential Finance—This volume consists of one report presenting statistics on the financing of non-farm homeowner and rental and vacant properties, including characteristics of the mortgage, property, and owner. The statistics are based on a sample survey conducted in the spring of 1981. Data are presented for the United States and regions. Some data are presented by inside and outside SMSA's and by central cities.

HC80-S1-1, Supplementary Reports—These reports present statistics from the 1980 Census of Housing on general characteristics of housing units for the 50 States and the District of Columbia, counties, and independent cities.

Evaluation and Reference Reports

PHC80-E, Evaluation and Research Reports—These reports present the results of the extensive evaluation program conducted as an integral part of the 1980 census. This program relates to such matters as completeness of enumeration and quality of the data on characteristics.

PHC80-R, Reference Reports—These reports present information on the various administrative and methodological aspects of the 1980 census. The series includes:

PHC80-R1, Users' Guide—This report covers subject content, procedures, geography, statistical products, limitations of the data, sources of user assistance, notes on data use, a glossary of terms, and guides for locating data in reports and tape files. The guide is issued in loose-leaf form and sold in parts (R1-A, B, etc.) as they are printed.

PHC80-R2, History—This report describes in detail all phases of the 1980 census, from the earliest planning through all stages to the dissemination of data and evaluation of results. It contains detailed discussion of 1980 census questions and their use in previous decennial censuses.

PHC80-R3, Alphabetical Index of Industries and Occupations—This report was developed primarily for use in classifying responses to the questions on the kind of business (industry) and kind of work (occupation) in which the respondent is engaged. The index lists approximately 20,000 industry and 29,000 occupation titles in alphabetical order.

PHC80-R4, Classified Index of Industries and Occupations—This report defines the industrial and occupational classification systems adopted for the 1980 Census of Population. It presents the individual titles that constitute each of the 231 industry and 503 occupation categories in the classification systems. The individual titles are the same as those shown in the Alphabetical Index. The 1980 occupation classification reflects the new U.S. Standard Occupational Classification (SOC). As in the past, the 1980 industry classification reflects the Standard Industrial Classification (SIC).

PHC80-R5, Geographic Identification Code Scheme—This report identifies the names and related geographic codes for each State, county, minor civil division, place, region, division, SCSA, SMSA, American Indian reservation, and Alaska Native village for which the Census Bureau tabulated data from the 1980 census.

COMPUTER TAPES

Summary Tape Files

In addition to the printed and microfiche reports, results of the 1980 census also are provided on computer tape in the form of summary tape files (STF's). These data products have been designed to provide statistics with greater subject and geographic detail than is feasible or desirable to provide in printed and microfiche reports. The STF data are made available at nominal cost. The data are subject to suppression of certain detail where necessary to protect confidentiality.

There are five STF's (listed below), and the amount of geographic and subject detail presented varies. STF's 1 and 2 contain complete-count data, and STF's 3, 4, and 5 contain sample data. Note that the term "cells" used below refers

to the number of subject statistics provided for each geographic area, and the number of cells is indicative of the detail of the subject content of the file.

Each of the STF's generally consists of two or more files which provide different degrees of geographic detail and, in some cases, race/Spanish origin cross-classification. For each of the files there is a separate tape or tapes for each State, the District of Columbia, and Puerto Rico. Selected files (STF 1 and STF 3) are also produced for Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. These tapes are issued on a State-by-State basis and are followed by a national summary tape for the particular file. More complete descriptions of the STF's than given in the summaries below can be found in the technical documentation of the specific file and in the PHC80-R1, *Users' Guide*.

STF 1—This STF provides 321 cells of complete-count population and housing data. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, congressional districts, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and blocks and block groups in blocked areas. The data include those shown in the PHC80-1, PHC80-3 (complete-count), and PC80-1-A reports.

STF 2—This STF contains 2,292 cells of detailed complete-count population and housing data, of which 962 are repeated for each race and Spanish origin group present in the tabulation area. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, counties, county subdivisions, places of 1,000 or more inhabitants, census tracts, American Indian reservations, and Alaska Native villages. The data include those shown in the PHC80-2 (complete-count), PC80-1-B, and HC80-1-A reports.

STF 3—This STF contains 1,126 cells of data on various population and housing subjects collected on a sample basis. The areas covered are the same as in STF 1, excluding blocks. The data include those shown in the PHC80-3 (sample) reports.

STF 4—This STF is the geographic counterpart of STF 2, but the number of cells of data is greater (approximately 8,400). STF 4 provides data covering virtually all of the population and housing subjects collected on a sample basis, as well as some of the complete-count subjects. Some of the statistics are repeated for race, Spanish origin, and ancestry groups. Data are summarized for areas similar to those shown in STF 2, except that data for places are limited to those with 2,500 or more inhabitants. The data include those shown in the PHC80-2 (sample), PC80-1-C, and HC80-1-B reports.

STF 5—This STF contains over 100,000 cells of data on various population and housing subjects collected on a sample basis and provides detailed tabulations and cross-classifications for States, SMSA's, counties, cities of 50,000 or more inhabitants and central cities. Most subjects are classified by race and Spanish origin. The data include those shown in the PC80-1-D and HC80-2 reports.

Other Computer Tape Files

P.L. 94-171, Population Counts—In accordance with Public Law (P.L.) 94-171, the Census Bureau provides population tabulations to all States for legislative reapportionment/redistricting. The file is issued on a State-by-State basis. It contains population counts classified by race and Spanish origin. The data are tabulated for the following levels of geography as applicable: States, counties, county subdivisions, incorporated places, census tracts, blocks and block groups in blocked areas, and enumeration districts in unblocked areas. For States participating in the voluntary program to define election precincts in conjunction with the Census Bureau, the data are also tabulated for election precincts.

Master Area Reference Files 1 and 2 (MARF)

MARF 1—This geographic reference file is an extract of STF 1 designed for those who require a master list of geographic codes and areas, along with basic census counts arranged hierarchically from the State down to the block group and enumeration district levels and is issued on a State-by-State basis. The file contains records for States, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and block groups in blocked areas. Each record shows the total population by five race groups, population of Spanish origin, number of housing units, number of households, number of families, and a few other items.

MARF 2—This file is the same as the MARF 1 with the latitude and longitude coordinates for a representative point (centroid) in each block group (BG) or enumeration district (ED) outside block numbered areas.

Geographic Base File/Dual Independent Map Encoding (GBF/DIME)—These files are computer representations of the Metropolitan Map Series, including address ranges and ZIP Codes, which generally cover the urbanized portions of SMSA's. GBF/DIME files are used to assign census geographic codes to addresses (geocoding). The files are available by SMSA.

Public-Use Microdata Samples—Public-use microdata samples are computerized files containing most population and housing characteristics as shown on a sample of individual census records. These files contain no names or addresses, and geographic identification is sufficiently broad to protect confidentiality.

There are three mutually exclusive samples, the A sample including 5 percent of all persons and housing units, and the

B and C samples each including 1 percent of all persons and housing units. States and most large SMSA's will be identifiable on one or more of the files. Microdata files allow the user to prepare customized tabulations.

Census/EEO Special File—This file provides sample census data with specified relevance to EEO and affirmative action uses. The file contains two tabulations, one with detailed occupational data and the other with years of school completed by age. The data in both tabulations are crossed by sex, race, and Spanish origin. These data are provided for all counties, for all SMSA's, and for places with a population of 50,000 or more.

MAPS

Maps necessary to define areas are generally published and included as part of the corresponding reports. Maps are published for Block Statistics (PHC80-1) and Census Tracts (PHC80-2), but must be purchased separately from the report. Maps necessary to define enumeration districts are available on a cost-of-reproduction basis.

MICROFICHE

Some of the computer tape products are available on microfiche. The STF microfiche are issued for each State or Area and for the United States. These include:

STF 1 Microfiche—Data from STF 1 are presented in tabular form for all the STF 1 geographic levels described previously, except blocks.

STF 3 Microfiche—Data from STF 3 are presented in tabular form for all the STF 3 geographic levels.

P.L. 94-171 Counts Microfiche—The data from the P.L. 94-171 computer file are presented in a listing format.

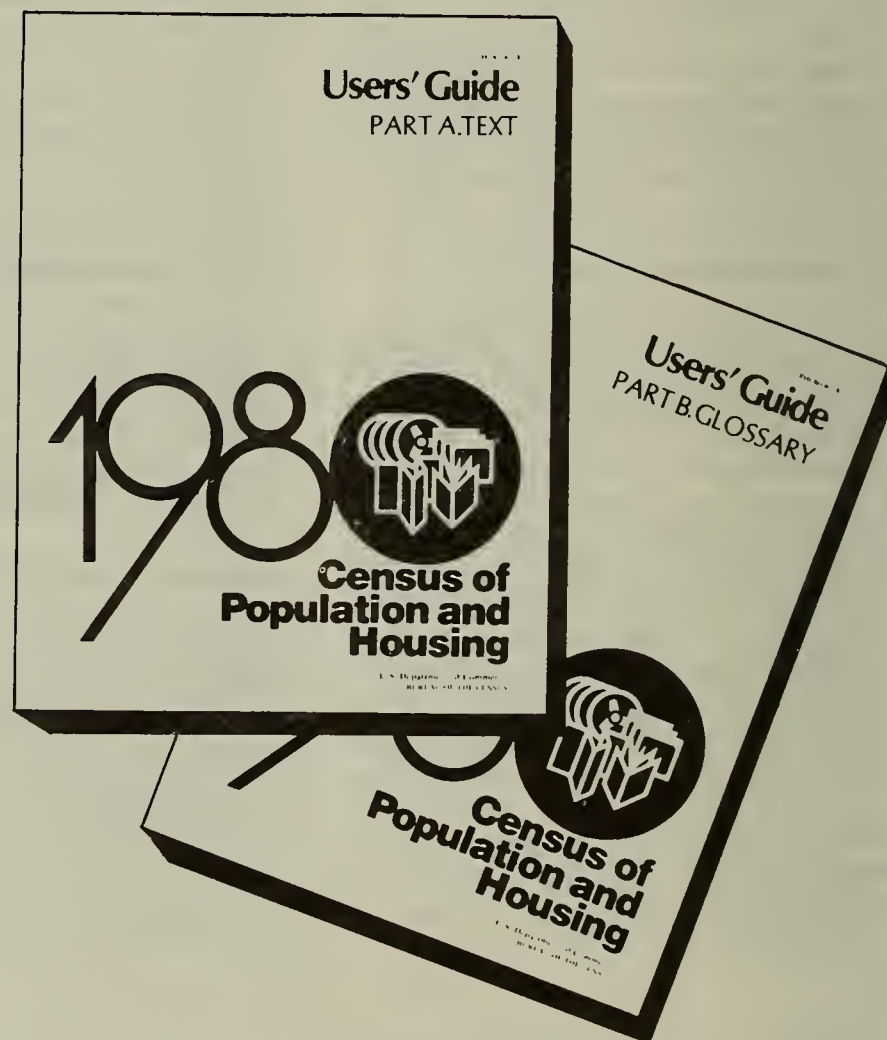
1980 Census of Population and Housing

Users' Guide

The Users' Guide, a reference work on the 1980 census, is now available. It consists of:

- **Part A. Text**—Covers census data subjects; geographic considerations; reports, tapes, maps, and other products; services available to users; and many other topics central to understanding and using 1980 census data.
- **Part B. Glossary**—Provides detailed definitions of population, housing, geographic, and technical terms associated with the census—especially important for people using 1980 data on tape or microfiche.
- **Sources of Assistance**—Furnishes addresses and phone numbers of public and private sector organizations offering a variety of products and services, such as tape processing, area profiles, training, and reference assistance.
- **Updates**—Provide information on new developments relating to the 1980 census. Each update is keyed to the particular point in "Part A. Text" that needs revision.

Part C, a table finder, and Part D, a guide to tape contents, are planned for publication later.



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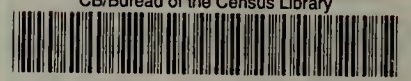
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